

# **1/200 SURVEY AND DIRECTORY**

OCTOBER 1988

HALF CENT COLLECTIONS													PAGE 1
VARIETY	CC1	RSC	CC2	WL	JR2	RWL	JL	AC2	OC	SAM	JR1	NJC	
1793	1	60	40	40	40	12	40	20	30	20	8		
	2	60	35	40	25	12	20	20	40	12	10	6	
	3	63	20	40	45	15	12	20	15	6	8		
	4	63	50	40	40	15	15	20	30	10	7		
1794	1A	60	35	40	45	30	30	20	45	4	12	8	
	1B	30	20	8	7		3	12					
	2A	50	40	40	25	55	30	12	25	10	5	15	
	2B	40	25	3	40		3			8		6	
	3A	55	20	12	20	8	10	8	30	12	10	8	15
	3B	15	15	4									
	4A	60	45	40	35	20	20	20	40	12	10	15	30
	4B	15	10	8									8
	5A	55	30	25	25	15	25	30	30	10	12	15	12
	5B	30	45	10									
	6A	15	12	8	4	4	4	8	10	10	5	8	6
	6B	15	15	12									
	7	67	40	15	12	4	8	5	15	10		25	15
	8	45	15	12	12	15	20	8	20	20	10	15	10
	9	63	50	45	45	20	15	30	10	30	6	10	6
1795	1	85	30	50	40	20	20	5	20	35	10	5	10
	2A	58	40	30	45	20	7	5	10	15	10	10	
	2B	60	20	7		7	3	7	7				4
	3	35	15	12	4	6	20	8	8	10	10	6	
	4	60	50	40	20	20	35	12	10	15	10	15	20
	5A	60	35	40	35	50	20	12	15	12	10	15	12
	5B	65	12	30	25	20	25	5	10	12	20	30	8
	6A	65	40	40	50	30	20	20	45	20	25	8	
	6B	30	15	6	6		10	3	8	6		8	10
1796	1	63	8	7									
	2	63	4	35	40	3	6	12	20	8	4	6	
1797	1	63	55	50	40	25	30	50	15	30	30	15	12
	2	63	35	30	30	20	12	20	25	10	12	15	
	3A	45	35	25	25	3	10	12	15	4	8	15	10
	3B	40	15	15	12	20	6	12	8	5	6	6	15
	3C	8	10	1				4	7		2		
800	1	67	65	60	63	50	60	50	40	40	30	25	
802	1	15	6	8	4	15	7	8	10	8		6	
	2	30	30	20	20	25	12	12	10	8	15	10	8
803	1	65	45	55	45	55	20	30	15	50	35	30	20
	2	45	25	15	35	10	8	20	5	7	10	7	8
	3	65	60	55	55	55	30	25	60	30	30	20	30
	4	60	45	35	40	30	12	35	10	25	45	8	25
804	1	60	60	35	30	20	25	20	40	20	20	20	35
	2	15	6	2	4							8	
	3	35	15	15	20	10	15	20	12	20	15	3	
	5	60	60	35	40	40	30	12	20	60	30	30	40
	6	60	60	55	50	50	40	20	55	40	50	25	
	7	50	40	20	20	15	12	20	15	30	20	35	30
	8	65	65	50	55	40	30	40	30	40	40	30	25
	9	65	55	55	50	40	45	35	30	25	40	25	20
10	10	65	60	55	63	40	40	40	55	25	40	20	40
	11	60	40	40	35	30	30	20	15	30	45	10	30
	12	65	60	55	63	55	55	40	60	45	50	40	30
	13	63	65	60	63	55	35	45	25	20	50	15	40

HALF CENT COLLECTIONS													PAGE 2
VARIETY	CC1	RSC	CC2	WL	JR2	RWL	JL	AC2	OC	SAM	JR1	NJC	
1805	1	63	60	60	55	50	50	20	15	35	45	10	50
	2	35	15	10	4	8	12	3	15	6	8	3	
	3	35	25	15	8	20	7	12	8	8	15	10	13
	4	65	60	50	50	50	55	45	30	45	50	20	25
1806	1	67	60	60	63	60	30	60	30	45	60	20	40
	2	60	45	50	55	40	25	20	8	40	30	8	25
	3	15	8	7	4	10	5	3		7		5	3
	4	67	65	60	65	60	55	60	45	35	35	25	45
1807	1	60	55	60	63	50	50	30	40	45	45	30	30
1808	1	30	4	3									
	2	63	40	30	25	30	25	40	10	15	15	30	15
	3	60	60	60	65	15	55	25	12	35	30	25	12
1809	1	35	40	10	25	25	7	8		10	10	12	
	2	63	40	50	60	45	30	20	40	12	35	8	8
	3	65	65	60	63	60	55	40	55	35	50	15	55
	4	65	60	60	63	60	30	30	50	30	35	25	45
	5	65	65	60	55	45	35	45	50	15	50	50	45
1810	6	65	60	60	60	60	55	50	30	15	40	30	55
1811	1	65	60	60	58	40	50	40	20	50	25	10	25
	2	87	45	50	40	45	35	12	45	20	15	25	12
1825	1	63	40	40	50	50	10	20	30	15	15	20	20
	2	65	65	50	58	55	20	25	55	45	45	40	55
1826	1	65	65	60	63	60	55	40	60	45	35	25	60
	2	65	65	60	65	65	60	60	55	50	35	45	55
1828	1	65	60	60	60	45	45	60	40	45	50	20	45
	2	65	60	60	65	50	50	60	55	40	45	45	55
	3	65	65	60	63	60	60	50	55	50	60	40	60
1829	1	65	65	60	65	55	55	50	60	45	60	35	50
1831	1	50	40	30	50	50		30	20	55		25	
1832	1	60	60	60	65	65	60	60	60	12	45	25	40
	2	65	65	60	65	60	40	30	25	35	45	35	40
	3	65	65	60	65	60	45	50	20	50	45	50	55
1833	1	65	65	60	65	65	50	50	65	30	45	55	55
1834	1	65	65	60	65	65	60	60	45	40	45	50	40
1835	1	65	65	60	65	65	60	60	60	40	50	60	40
	2	60	60	60	63	60	63	60	50	35	45	30	50
1849	1	60	60	60	63	65	50	50	50	50	50	50	60
1850	1	65	65	60	63	50	63	60	40	30	55	45	60
1851	1	70	70	60	63	65	55	60	45	40	55	50	65
1853	1	65	65	60	65	60	60	60	40	60	55	40	60
1854	1	65	65	60	65	65	63	60	55	55	55	55	50
1855	1	70	70	60	65	60	63	60	40	45	60	50	40
1856	1	70	70	60	65	60	63	50	40	50	50	50	40
1857	1	70	70	60	65	65	55	60	45	50	45	60	40
TOTAL V		99	99	99	91	87	88	90	89	87	83	90	83
TOTAL G		5434	4330	3800	3079	3360	2908	2755	2642	2497	2554	2123	2384
% V		100	100	100	92	88	89	91	90	88	84	91	84
% G		100	80	72	73	62	54	51	49	46	47	39	44
SCORE		100	90	88	83	75	71	69	67	65	65	64	
% COND		100	80	72	77	66	57	53	51	50	52	41	49

TOTAL V=TOTAL VARIETIES TOTAL G=SUM OF GRADES  
 % V=(TOTAL VARIETIES/99)\*100 % G=(TOTAL G)/(TOTAL G FOR CC1)\*100  
 SCORE=(%V\*%G)/2 %C=(TOTAL C)/(SUM OF CC1 FOR MATCHING VARIETIES)\*100

VARIETY	MEH	ANS	GPG	MA	GRT	WE	BWI	WJF	REJ	JD	RMH	JHR
1793	1											
	2		20	20				25	4		4	
	3	5	30			12				4		30
	4											
1794	1A		30	4				10			3	
	1B							10				
	2A		8	30		3	3	25			4	40
	2B											
	3A											
	3B					12						
	4A	8			12					4	7	
	4B											
	5A											
	5B											
	6A											
	6B											
	7											
	8							3				
	9	5			30	12		12	12			4
795	1	12		8	30	4		12		4		
	2A	10		20	15			8				
	2B										8	
	3	10			10							
	4	7		12	6					4	10	
	5A	8		45			2					40
	5B					7		10				
	6A	12	15	15	3	4	6	2	15	15	4	4
	6B						5					
796	1					4		12				
	2		4									8
797	1	20	12	30		6	30	4	12	4	7	30
	2	15	8		4	4		1	25	4	12	
	3A											
	3B		12									
	3C				3		8					
800	1	45	50	55	40	35	10	20	20	30	45	55
802	1		6									
	2	8		15	4	6	10	6	12	4	4	12
803	1	7	15	45	8	20	8	10	10	15	12	60
	2	4	8		4		6	12		8		
	3	25	15	12	8	4	12	12	8	8	15	
	4	12	8			35	20	6	6	8		
804	1	15	12			40	30	12		8		
	2											
	4	3			8	8						
	5	25	45		45	12	3	6	30	8		
	6	35	50	45	35	20		30	20	30		45
	7	12				10		12				
	8	50	45		30	40		30	25	25	12	
	9	50	40			40		12	8	30		8
	10	15	45		40	55		15	12	20	12	40
	11	20	35	8	45	30	15	6	12	12		15
	12	20	45	60	20	40	62	10	10	4	12	
	13	60	45	50	60	45	45	20	15	20	12	50

VARIETY		MEH	ANS	GPG	MA	GRT	WE	BWI	WJF	REJ	JD	RMH	JHR
1805	1	20	15	60	20	45	40	6	10	15	8	40	30
	2												
	3	4			3	8	10		8		4		
	4	20	8	45	35	20		12	10	25	8	12	40
1806	1	40	50		8	45	45	40	30	20	30	15	40
	2	8			8	12	12	12			12		
	3												
	4		30	60	35	12	10	12		15	30	12	60
1807	1	30	15	60	20	50	15	30	8	25	12	15	45
1808	1							8					
	2	12	15	30	20		8	8	15	8	8	12	30
	3	25	35	8	20	30	12	15	12	12	15	15	15
1809	1	8					5	3					
	2	20	12		12	30				10	12	8	
	3	15	35			55	35	8		40	20	55	12
	4	20	15	55	12		20	4		5	20	40	
	5	35	55	55	46	40	20	12	25	40	40	45	60
	6	40	55	45	45	35	20			12	40	40	40
1810	1	35	35	55	20	45		12	35	15	40	30	40
1811	1	10			10	8	6	4	10		4		
	2	8	8	15	10		10	8	40	10	4	10	30
1825	1	50	35		6		62	40		30	40	12	
	2	60	50	60	40	20	63	20	40	45	30	50	45
1826	1	55	45	60	55	50	55	45	25	45	20	50	55
	2	30	30	40	40		50	12		40	20		
1828	1	45	45	45	40	40	50	20	35	40	20	45	
	2	25	35	45	50	40	35	20	12	45	20	50	45
	3	50	50	60	60	50		30	30	30	20	50	45
1829	1	50	55	60	40	30	55	12	40	50	40	55	40
1831	1												
1832	1	12	45	55	15	55		40		40	20	50	50
	2	60	45	45	35		50	40	40	45	20	30	
	3	55	50		60			15		40	20	50	
1833	1	50	55	60	50	50	50	20	45	40	20	45	63
1834	1	45	45	55	60	50	40	20	45	55	20	45	55
1835	1	55	50	55	50	60	40	40	40	50	20	55	12
	2	50	45	60	20	55		20	40	30	20	50	63
1840	1	60	45	45	45	55	60	50	50	45	40	40	45
1850	1	58	55	60	45	50	20	45	30	45	45	40	50
1851	1	40	55	60	35	45	20	50	50	40	40	40	40
1853	1	60	55	60	50	50	63	50	50	50	40	55	60
1854	1	50	45	55	45	50	45	55	30	45	30	50	60
1855	1	50	50	65	40	55	40	50	60	40	40	50	60
1856	1	55	45	60	40	45		20	60	45	40	40	40
1857	1	50	50	60	40	55		40	60	45	40	45	60
TOTAL V		67	57	52	60	54	56	61	56	54	59	49	44
TOTAL G		1971	1982	2199	1712	1806	1479	1190	1356	1449	1157	1551	1725
% V		68	58	53	61	55	57	62	57	55	60	49	44
% G		36	36	40	32	33	27	22	25	27	21	29	32
SCORE		52	47	46	46	44	42	42	41	41	40	39	38
% COND		48	56	68	46	54	45	32	39	42	31	50	62

TOTAL V=TOTAL VARIETIES

TOTAL G=SUM OF GRADES

% V=(TOTAL VARIETIES/99)\*100 % G=(TOTAL G)/(TOTAL G FOR CC1)\*100

SCORE=(%V+%G)/2 %C=(TOTAL G)/(SUM OF CC1 FOR WATCHING VARIETIES)\*100

## HALF CENT COLLECTIONS

PAGE 9

VARIETY	KCS	DG	RAF	MAG	PL	RW1	RK	CVW	RP	EJW	JB	RFF
1793	1					6						
	2			8		35						
	3											
	4											4
1794	1A											
	1B					15						
	2A											
	2B					6						
	3A											
	3B											
	4A			10					8	30		
	4B											
	5A											
	5B											
	6A					1						
	6B											
	7											
	8		9									
	9	10								25	3	12
1795	1			12						15		
	2A	5								12		
	2B											
	3											
	4	8		5								
	5A				20	10						
	5B									12		
	6A	8		8		25				35		12
	6B											
1796	1											
	2			4								
1797	1	2		8	25	20						12
	2			12		10			1			
	3A											
	3B											
	3C											
1800	1	8		8		40	20	25	8		12	30
1802	1											
	2			8		4	8	15				12
1803	1	10	8	7		25	15	10		4	40	4
	2					5	10					
	3			4	12		25			7		
	4		12	20		20			25	4		
1804	1			12						8		
	2											
	4					15						
	5							35	7	25		
	6	25										
	7					15		25		12		
	8		12	15		30	35	12		10	45	
	9	7	12	20	12	25		25		12	40	
	10		12	20					6	20	4	
	11						12	35		10		
	12	10	12	20		50	40					
	13	30	12	15	8	45	50	25		30	15	30

## HALF CENT COLLECTIONS

PAGE 10

VARIETY	KCS	DG	RAF	MAG	PL	RW1	RK	CVW	RP	EJW	JB	RFF
1805	1	12	12	15	12		35	12		10		4
	2											30
	3											
	4		6	12		15	40			15		
1806	1	30	12	20	30	50	40	15	50	10	25	40
	2		6								35	
	3											
	4		8	12	15	10	30			10		3
1807	1	15	20	15	8	30	50	30	40	10	45	30
1808	1				8							30
	2		10				40	12				
	3		10	12	20	12						
1809	1						6		20	25	10	12
	2										12	12
	3						30	8				
	4		12							6	25	
	5		25	45	20	50	5			10		
	6		40	12		8	40	45		8	50	30
1810	1	15	12	15	30	45	50	15	60	8		
1811	1		8	10			8				30	40
	2		12	7	30		35	12		6		
1825	1	25	20									
	2	30	40	20	30	45	50	12	45	12	55	4
1826	1		20	20	8	45		25		6	25	40
	2	25	20									
1828	1	35	20				50		40	12	45	30
	2	12	20		15	40		15	50	15	45	4
	3	40	20	40	45			25	40	4	45	25
1829	1	15	20	40	12	45	55	25	50	30	20	30
1831	1						40				20	40
1832	1	40	20	12	20				30		50	40
	2		20	20					12	50	10	
	3				40							
1833	1	45	40	20	12	55			40	50	15	25
1834	1	35	40	20	20	50			30	55		25
1835	1	30	40	35	30	45				55	40	40
	2		40	40	50	50				55	8	40
1849	1	30	40	45	45	55		35				25
1850	1	30	40	40	20	40		20	50	35	63	40
1851	1	45	20	40	40	30		25	60		50	45
1853	1	25	40	45	25	45		45	50	45	45	12
1854	1	35	40	45	40	45		20	55	50		45
1855	1	45	40	45	40	50		40	55	25		35
1856	1	35	40	20	30	60		40	55			35
1857	1		15	40	40	45		30	50		60	20
	2											50
TOTAL V		43	41	40	40	32	35	37	29	42	31	35
TOTAL G		912	914	888	837	1240	951	840	1270	553	1111	837
% V		43	41	40	40	32	35	37	29	42	31	35
% G		17	17	18	15	23	18	15	23	10	20	15
SCORE		30	29	28	28	28	26	26	26	26	26	25
% COND		33	35	34	33	60	48	36	70	20	57	37

TOTAL V=TOTAL VARIETIES

TOTAL G=SUM OF GRADES

\* V=(TOTAL VARIETIES/99)\*100

\* G=(TOTAL G)/(TOTAL G FOR CC1)\*100

SCORE=(XV+\*G)/2 \*C=(TOTAL G)/(SUM OF CC1 FOR MATCHING VARIETIES)\*100

HALF CENT COLLECTIONS

PAGE 11

VARIETY	EBR	OWH	EW	WPT	CEO	PSR	CW	DW	BWB	PJ	JM	EAR
1793	1								12		3	
	2										5	
	3											4
	4											
1794	1A					3						
	1B											
	2A					6	30				8	
	2B											
	3A								15			
	3B											
	4A	20	10		3			12	12		6	
	4B											
	5A											
	5B	12										
	6A											
	6B											
	7											
	8				5	2						
	9				2				25		5	
1795	1				3	1		5			4	
	2A				3	3					6	
	2B											
	3								6			
	4		12			3			15		4	
	5A								20		3	
	5B					10					10	
	6A					5			30		10	4
	6B					2						
796	1											
	2											
797	1		4			3			30		6	
	2								20		8	
	3A								8			
	3B											
	3C										3	
800	1	15	30	12	40	35	1	20	20	55	8	20 15
802	1											
	2	8		12		10			6	8		4
803	1	8	10			35	5	30		45	8	15
	2					10						
	3		12	12		40	8			20		
	4											
804	1					20						6
	2											
	4					6	8					
	5					20						
	6					35	8					
	7		40			8						
	8	40	20		25	35	8		50		20 15	
	9					8					15 8	
	10		20			35	5		40		30 15	
	11											12
	12					30	3	30			20	
	13	40	45	12	45	45		3	15	10	10 15	

HALF CENT COLLECTIONS

PAGE 12

VARIETY	EBR	OWH	EW	WPT	CEO	PSR	CW	DW	BWB	PJ	JM	EAR
1805	1	20		20	50	30		8		10		4
	2											
	3					4			6			3
	4	12	20	8		35	3	4	30	40		25
1806	1	40	20	10		45	3	12		10	20	15
	2								50			
	3											
	4		40	20	25	35			20	50		10
1807	1	15		6	20	25	8	12	30	40	6	3
1808	1											
	2			20	25	8	8					12
	3	12	20	10	50	30		12	12	40	6	8
1809	1											
	2					5			45			15
	3	45	45	4	30	45	8	20		50	20	40
	4				25		45			50	10	30
	5	10	50	40	55		3	12	20	45	20	35
	6					45	10	20	50	55		40
1810	1	12		40		46		4	20	35	8	20
1811	1					8			20			
	2	10	8	8	20	15				6	10	3
1825	1		20	20	45		5	12				
	2	25	20		15		1		30		8	
1826	1	40	30	20	20	45	5	20	45			25
	2								40		20	
1828	1		30	40	25				12			35
	2	25	20	50	40			8	45		20	20
	3	60			55		5	20	20		45	30
1829	1	40		4	40			12	15		12	
1831	1											
1832	1	45	20	20			5	30				
	2				25		1	20	30			15
	3		50				8	20	15			12
1833	1	50	45	40	45			12	30		40	
1834	1	55	40	40	20		1	30	50		20	16
1835	1				40		8	12	35		45	35
	2	45		20			8	20				40
1849	1	25	50	40	30	20			55		40	
1850	1	25		20	50			20	55			
1851	1	55	80	20	20			40	55		45	
1853	1	50	55	20	15	35		30	40		45	
1854	1	60	58	12	50	45	5	20	45		15	20
1855	1	63	55	20	20			45	50		30	
1856	1	45	60	20	15			50	63		20	
1857	1	60	60	40	25		8	20	55		45	
TOTAL V	31	31	36	31	33	44	35	30	30	28	30	29
TOTAL G	1065	1045	746	1005	877	271	710	973	937	602	460	402
% V	31	31	36	31	33	44	35	30	30	28	30	29
% G	19	19	14	18	16	5	13	18	17	11	8	7
SCORE	25	25	25	25	25	25	24	24	24	20	19	18
% COND	53	53	33	50	45	10	31	51	52	33	24	22

TOTAL V=TOTAL VARIETIES

TOTAL G=SUM OF GRADES

% V=(TOTAL VARIETIES/90)\*100

% G=(TOTAL G)/(TOTAL G FOR CC1)\*100

SCORE=(%V+%G)/2 %C=(TOTAL G)/(SUM OF CC1 FOR MATCHING VARIETIES)\*100

VARIETY	RO	DF	HB	WR	JSH	DH	HC	PC	GWR	HS	JS	JCR
1793	1											
	2											
	3											
	4											
1794	1A											
	1B											
	2A											
	2B						8					
	3A											
	3B											
	4A									8		
	4B											
	5A											
	5B											
	6A											
	6B											
	7											
	8											
	9											
1795	1				55							
	2A				35							
	2B				12							
	3				20							
	4				45		6					
	5A				40							
	5B				30							
	6A				40							
	6B							8			10	4
1796	1											
	2				20							
1797	1						8					
	2				60							
	3A				30							
	3B				20							
	3C											
800	1	20		45		15						25
802	1											
	2	8		10		8				5		
803	1	20	8			8	10		45			15
	2	7				7			8			
	3	12	6			10		8			6	
	4	12		25		20			35			
804	1	20	4			7			10		12	
	2											
	4											
	5	20				8			45		20	
	6	25				12			55		12	30
	7								12			
	8	30	8			12	15		50		30	
	9	25	4			15			25		30	
10		50	4			20			60		8	
11		7				12			10		15	20
12		40			30	12			60		12	
13	30	55	10	35	60	20	7		25		20	

VARIETY	RO	DF	HB	WR	JSH	DH	HC	PC	GWR	HS	JS	JCR
1805	1	30	4		55	12					10	
	2											
	3		4				3					
	4	25	4	30		15	12					
1806	1	30	4			20					40	
	2	12				3						
	3											
	4	55	4	45		8	20	20				
1807	1	25	8	20		25				50		15
1808	1											
	2	7		20		5						
	3	20	12	40		15		6				
1809	1											
	2											
	3			3					40			
	4			20								
	5	45										
	6	55					10			40		45
1810	1			4				15				
1811	1							10		10		
	2											
1825	1							20				6
	2	40					6					5
1826	1	50						40				35
	2											
1828	1			20			25			55		
	2											
	3	40		12		63		35				
1829	1	45		20			12	40		45		15
1831	1											
1832	1	40		20	45							
	2							45				
	3											
1833	1	40		20						58		
1834	1	40		40			40	40		50		45
1835	1	45		8		50		45	30			30
	2	40		50					20			25
1849	1	40			50			55	40		50	30
1850	1	40			45			45				45
1851	1	40			50							
1853	1	45		20	50			45			60	50
1854	1	40			58			30			45	
1855	1	40		35	55			45			55	
1856	1	45		40	50	50						
1857	1			40	50							
TOTAL V		20	24	27	18	18	19	17	15	14	15	14
TOTAL G		840	557	392	723	715	292	444	447	530	584	315
% V		20	24	27	18	18	24	19	17	15	14	14
% G		15	10	7	13	13	5	8	8	10	11	6
SCORE		18	17	17	18	16	15	14	13	12	12	10
% COND		64	39	23	64	67	20	37	40	58	67	35

TOTAL V=TOTAL VARIETIES TOTAL G=SUM OF GRADES  
 $\% V = (\text{TOTAL VARIETIES}/90) \times 100$   $\% G = (\text{TOTAL G})/(\text{TOTAL G FOR CC1}) \times 100$   
 $\text{SCORE} = (\% V + \% G)/2$   $\% C = (\text{TOTAL G})/(\text{SUM OF CC1 FOR MATCHING VARIETIES}) \times 100$



VARIETY	RLT	SHG	RW2	DB	SLS	RLY	EPS	CRV	PE	JA
---------	-----	-----	-----	----	-----	-----	-----	-----	----	----

1703	1									
	2									
	3									
	4									
1704	1A									
	1B									
	2A			20						
	2B				4					
	3A									
	3B									
	4A							15		
	4B									
	5A									
	5B									
	6A									
	6B									
	7	20								
	8									
	9			30						
1705	1									
	2A									
	2B									
	3									
	4									
	5A									
	5B									
	6A									
	6B									
1706	1									
	2									
1707	1	35		8						
	2									
	3A									
	3B									
	3C									
1800	1	45				12	12			
1802	1									
	2	20								
1803	1				8					
	2		10							
	3	50	12							
	4			8						
1804	1									
	2									
	4									
	6									
	6									
	7									
	8	40								
	9									
	10					12		20		
	11								58	
	12		15					12		
	13	40								

VARIETY	RLT	SHG	RW2	DB	SLS	RLY	EPS	CRV	PE	JA
---------	-----	-----	-----	----	-----	-----	-----	-----	----	----

1805	1			30						
	2									
	3									
	4	50	12							
1806	1	40	7					12		
	2									
	3			12						
	4			15	30					
1807	1	50		30				10		
1808	1									
	2									
	3	40		30						
1809	1									
	2			7						
	3									
	4									
	5					8		6		
	6			50			20			
1810	1			40						
1811	1									
	2					40			6	
1825	1		30							
	2									
1826	1						25	8		
	2		25							
1828	1		40				40	20		
	2									
	3			45					63	
1829	1					4				
1831	1									
1832	1									
	2									
	3									
1833	1									
1834	1									
1835	1		45					45		
	2		35				20			
1849	1									
1850	1									
1851	1					64				
1853	1						20			
1854	1					60				
1855	1					68		45		
1856	1						50			
1857	1									
TOTAL V		11	12	10	6	8	6	6	4	1
TOTAL C		430	253	283	282	126	185	64	59	63
% V		11	12	10	6	8	6	6	4	1
% G		8	5	5	5	2	3	1	1	1
SCORE		10	8	8	6	5	5	4	3	1
% COND		64	34	45	74	25	47	16	23	97

TOTAL V=TOTAL VARIETIES  
 % V=(TOTAL VARIETIES/99)\*100  
 SCORE=(%V+%G)/2  
 TOTAL C=SUM OF GRADES  
 % G=(TOTAL C)/(TOTAL C FOR CC1)\*100  
 % C=(TOTAL G)/(SUM OF CC1 FOR MATCHING VARIETIES)\*100

## SUMMARY STATISTICS BY VARIETY

DATE	C#	RARITY	NUMBER REPORTED	AVERAGE GRADE	CC	BEST FIVE	DATE	C#	RARITY	NUMBER REPORTED	AVERAGE GRADE	CC	BEST FIVE
1793	1	3	19	16	60-40	40 40 40 30 20	1804	1	3	40	20	60-35	60 55 40 40 35
	2	3	25	16	60-40	55 40 35 35 25		2	7	4	7	15- 2	12 8 6 4
	3	3	24	14	63-40	45 40 30 30 20		4	5	29	10	35-15	35 20 20 20 15
	4	3	19	15	63-40	50 40 30 30 20		5	4	46	26	60-35	60 60 50 45 45
1794	1A	3	24	18	60-40	45 45 45 35 30		6	2	48	33	60-55	60 55 55 55 55
	1B	6	8	11	30- 8	20 15 12 12 10		7	5	33	20	60-20	50 45 40 40 35
	2A	2	36	18	50-40	55 40 40 40 30		8	1	62	29	65-60	65 55 55 55 50
	2B	6	9	15	40- 3	45 40 25 8 6		9	2	54	28	65-65	60 55 55 50 50
	3A	5	21	11	55-12	30 25 20 20 15		10	1	56	31	65-55	63 60 60 60 60
	3B	8	3	11	15- 4	15 12 6		11	3	49	21	60-40	45 45 45 40 35
	4A	3	37	15	60-40	45 45 40 35 30		12	2	54	32	65-55	63 63 62 60 60
	4B	8	4	11	15- 8	15 12 10 8		13	1	75	32	63-60	65 63 60 60 60
	5A	4	20	17	55-25	35 30 30 30 30	1805	1	1	67	26	63-60	62 60 60 55 55
	5B	8	2	28	30-10	45 12		2	6	16	9	35-10	30 15 15 12 12
	6A	6	17	5	15- 8	12 12 10 10 8		3	5	37	9	35-15	25 20 20 16 15
	6B	8	1	15	15-12	15		4	2	66	27	65-50	62 60 55 55 50
	7	5	17	14	67-15	45 40 25 20 15	1806	1	1	71	32	67-60	63 60 60 60 55
	8	5	23	14	45-12	50 20 20 20 20		2	4	37	23	60-50	55 55 50 50 50
	9	2	40	16	63-45	50 45 40 40 30		3	6	10	5	15- 7	10 8 8 7 6
1795	1	2	38	15	65-50	55 40 35 30 30		4	1	64	31	67-60	65 65 63 60 60
	2A	3	33	12	58-30	45 40 35 30 20	1807	1	2	77	27	60-60	63 60 55 50 50
	2B	6	8	7	60- 7	20 12 7 7 7							
	3	5	21	8	35-12	20 20 15 10 10	1808	1	7	3	6	30- 3	8 8 4
	4	3	36	15	60-40	50 50 45 40 36		2	3	53	17	63-30	55 40 40 40 30
	5A	3	30	19	60-40	50 50 45 40 40		3	1	73	23	60-60	65 60 60 55 55
	5B	4	23	13	65-30	30 30 25 25 20	1809	1	6	19	11	35-10	40 30 25 25 12
	6A	2	50	15	65-40	50 45 40 40 36		2	3	42	20	63-60	60 45 45 45 40
	6B	6	12	7	30- 6	15 15 10 10 8		3	1	55	33	65-60	65 63 60 60 60
1796	1	6	3	8	63- 7	12 8 4		4	3	50	28	65-60	63 60 60 60 55
	2	4	18	9	63-35	40 20 20 20 12		5	1	71	34	65-60	65 60 60 55 55
1797	1	2	53	18	63-50	55 50 40 40 35		6	1	58	36	65-60	60 60 60 55 55
	2	3	40	14	63-30	60 35 30 30 30	1810	1	2	67	29	65-60	60 60 58 55 55
	3A	3	28	11	45-25	35 30 25 20 20							
	3B	4	24	7	40-15	20 20 15 15 12	1811	1	4	40	16	67-50	45 45 45 40 35
	3C	7	5	5	8- 1	10 7 4 3 2		2	3	63	17	63-40	50 50 40 40 40
1800	1	2	73	31	67-60	65 65 63 60 55	1825	1	3	50	32	65-50	65 62 60 58 55
1802	1	6	10	7	15- 8	15 10 8 8 7		2	1	66	36	67-60	63 63 63 60 60
	2	3	60	11	30-20	35 30 30 25 25	1826	1	1	66	39	65-60	65 65 65 62 60
1803	1	1	67	22	65-55	65 60 55 55 50		2	3	43	35	60-50	62 60 55 50 50
	2	5	37	9	45-15	35 25 20 20 15	1828	1	3	59	37	65-60	60 60 60 60 55
	3	1	56	23	65-55	60 60 60 60 55		2	2	65	35	65-60	65 63 60 60 50
	4	3	42	20	60-35	45 45 40 35 35		3	1	60	42	65-60	65 63 63 63 60
							1829	1	1	66	36	65-60	65 65 60 60 60



DATE	C#	RARITY	NUMBER REPORTED	AVERAGE GRADE	CC	BEST FIVE
1831	1	6	10	39	50-30	55 50 50 50 40
1832	1	2	54	37		
	2	1	51	37	80-80	65 65 60 60 60
	3	1	43	39	65-60	65 65 60 60 60
1833	1	1	66	43	65-60	65 65 65 65 63
1834	1	1	68	43	65-60	65 65 65 63 63
1835	1	1	64	42	65-60	65 65 65 60 60
	2	1	60	43	80-60	65 63 63 63 60
1849	1	2	64	45	60-80	65 63 63 60 60
1850	1	2	62	44	65-60	65 63 63 60 60
1851	1	1	66	44	70-60	70 65 65 65 64
1853	1	1	67	45	65-60	65 65 63 63 60
1854	1	1	67	45	65-60	65 65 65 63 63
1855	1	1	66	47	70-80	70 68 65 65 65
1856	1	1	63	45	70-60	70 65 65 63 63
1857	1	2	61	46	70-80	70 65 65 65 63

## HALF CENT SURVEY

DIRECTIONS FOR FILLING OUT SURVEY FORM ON THE NEXT PAGE:

1. Cohen numbers were chosen for the survey. If you use Gilbert or Breen numbers, please note this on your form and we will convert them to Cohen numbers for the survey summary.
2. Use the Cohen numbers at the top or side of the chart unless a Cohen number appears inside the chart as is the case for years with sub-varieties.
3. For each variety write the highest grade of the coins you own for that variety using the Sheldon scale of 1-70. The grade reported should be the EAC net grade, i.e. the ANA sharpness grade with points deducted for defects like rim bumps, scratches, cleaning etc. etc.
4. If you have duplicates for a given variety in your collection, please list the grades of the duplicates on a separate sheet.
5. Any die state and pedigree information you have for your collection would also be welcome but will not appear in the collection summary distributed to all collectors in the survey

Name to appear beside a listing of your collection: \_\_\_\_\_

If you wish to be listed in the collector directory fill in the following:

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_  
STREET

CITY \_\_\_\_\_ STATE ZIP \_\_\_\_\_

PHONE NUMBER (optional) (\_\_\_\_\_) \_\_\_\_\_  
AREA CODE NUMBER

YOUR NAME AND ADDRESS FOR PURPOSE OF MAILING THE SURVEY

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_  
STREET

CITY \_\_\_\_\_ STATE ZIP \_\_\_\_\_

MAIL COMPLETED COPY TO:

EDWARD MASUOKA

[illegible]

# **1/200 SURVEY AND DIRECTORY**

**JANUARY 1988**

## HALF CENT COLLECTIONS

PAGE 1

VARIETY		CC1	RSC	CC2	WL	JL	RL	OC	JR1	NJC	GSC	MP	GW
1793	1	60	40	40	40	20	40		6			2	8
	2	60	35	40	25	20	20	10	10	6	55		
	3	63	20	40	45	20	12	8		40	15	8	
	4	63	50	40	40	20	15		7				4
1794	1A	60	35	40	45	30		40	12	8	45	6	8
	1B	30	20	8	7		3				12		
	2A	50	40	40	25	12	30	12	5	15	40	15	12
	2B	40	25	3	40	3				6	45		
	3A	55	20	12	20	8	10	12	8	15	25	8	6
	3B	15	15	4							6		
	4A	60	45	40	35	20	20	12	15	30	45	4	15
	4B	15	10	8						8	15		
	5A	55	30	25	25	30	25	10	15	12	35	3	12
	5B	30		10							45		
	6A	15	12	8	4	8	4	4	8	6	12	2	
	6B	15	12	12							15		
	7	67	40	15	12	5	8	10	25	15	45		8
	8	45	15	12	12	8	20	20	15	10	20		4
	9	63	50	45	45	30	15	30	10	6	40	3	4
1795	1	65	30	50	40	5	20	35	6	10	25	3	15
	2A	58	40	30	45	5	30	15	10		35	4	6
	2B	60	20	7	3	7				4	12		
	3	35	15	12	4	8	20	10	10	6	20	7	4
	4	60	50	40	20	12	35	20	15	20	40	10	4
	5A	60	35	40	35	12	20	12	15	12	40	12	12
	5B	65	12	30	25	5	25	12	30	8	30	8	6
	6A	65	40	40	50	20	20	45	25	8	35	12	4
	6B	30	15	6	6	3	10	6	8	10	15	3	
1796	1	63	8	7									
	2	63	4	35	40	12	6	8	6				
1797	1	63	55	60	40	50	30	30	15	12	30	10	10
	2	63	35	30	30	12	20	25	12	15	60	3	4
	3A	45	35	25	25	12	10	4	15	10	30	10	4
	3B	40	15	15	12	12	6	5	6	15	20	2	3
	3C	8	10	1					2				
1800	1	67	65	60	63	50	60	40	30	25	65	45	35
1802	1	15	6	8	4	8		8	6				
	2	30	30	20	20	12		10	10	8	35	7	10
1803	1	65	45	55	45	30	20	45	30	20	65	18	35
	2	45	25	15	35	20	8	7	8	15	7	4	
	3	65	60	55	55	25	30	20	30	60	45	50	
	4	60	45	35	40	35	12	25	8	25	35	12	4
1804	1	60	60	35	30	20	25	20	20	35	55	30	25
	2	15	6	2	4				8	12			
	3	35	15	15	20	20	15	12	15	3	35	5	4
	4	60	60	35	40	12	30	60	30	40	45	15	40
	5	60	60	55	50	40	50	50	25	55	30	40	
	6	50	40	20	20	12	30	35	30	45	12	8	
	7	65	65	50	55	40	30	40	30	25	55	30	35
	8	65	55	55	50	35	45	25	25	20	60	30	45
	9	60	60	55	63	40	40	25	20	40	60	55	8
	10	60	40	40	35	20	30	10	30	45	35	25	
	11	60	40	40	35	20	30	10	30	45	35	25	
	12	65	60	55	63	40	55	45	40	30	63	45	35
	13	63	65	60	63	45	35	20	15	40	60	50	45

## HALF CENT COLLECTIONS

PAGE 2

VARIETY	SAM	SKP	FHB	TC	WEN	AB	JK	MEH	RR	MA	GPG	WE
1793	1		12				15					
	2		6	4	6		2			20	20	
	3	3		10			1	5			30	12
	4		30	6	4	8	6					
1794	1A	4			10	12	8		30	4	30	
	1B								10			
	2A	20				8	7	3	30		30	3
	2B				3							
	3A	10	8		5	5	4					
	3B											12
	4A	25	12	20	6	8	15	6	8			
	4B											
	5A	6		25	6	8		3				
	5B											
	6A							3				
	6B				4							
	7			8			8	15				
	8	3		50	12	15		20				
	9	6	20	8	10	20	8	8	5	30		12
1795	1	6	12		5	8	20	3	12	20	30	8
	2A	6	5	20	6	8	10	4	10		15	20
	2B							3				
	3				6	8		8	10	10		
	4	5	8		6	12	8	8	7	12		12
	5A	6		50	5	8	12		8	12		
	5B											
	6A	12	12		12	15	20	12	12	20	3	15
	6B											7
1796	1											6
	2											5
	2		20	3			3				4	
1797	1	15	40	35	12	8		3	20	30		30
	2	5	7	30	12	10	10	4	15	30	4	
	3A	15	12	4	4	10	20	4				12
	3B	6		5	3	8		3		3		8
	3C							3				
1800	1	45	50	50	12	45	40	12	45	20	40	55
1802	1											10
	2	15	10	25	8	8	12	12	8	10	4	15
1803	1	40	12	15	10	12	30	20	7	30	8	8
	2	5	3	3		5	7	8	4		4	6
	3	20	12	60	25	20	30	12	25		8	12
	4	45	20	25	15	20	25	10	12	30		20
1804	1	20	25	8	12	15	20	12	15	20		30
	2											
	3	20		4	6	8	8	4	3			6
	4	25	10	50	12	25	30	12	25	20	45	3
	5	45	55	35	12	25	35	20	35	15	35	45
	6	15		20	12	20	20	8		8		
	7	40	40	35	15	20	25	20	50	30	30	
	8	40	40	35	15	20	25	20	50	30	30	
	9	45	55	40	50	25	20	40	50	30	40	
	10	30	12	30	20	55	35	12	15	50	40	
	11	45	12	30	35	25	20	20	20	30	45	8
	12	50	60	60	10	30	20	8	20	40	20	60
	13	40	60	20	25	35	20	20	60	20	50	45

HALF CENT COLLECTIONS

PAGE 3

VARIETY	GRT	WJF	REJ	JD	JHR	JSS	CAR	SK	WAH	KHW	JH	SL
1793	1					12						10
	2		25	4								12
	3				4	30				8	8	20
	4											
1794	1A		10					12				
	1B		10									
	2A		25		40		20			30	12	25
	2B											
	3A											5
	3B											
	4A				4							
	4B											
	5A											30
	5B											
	6A											4
	6B											
	7											10
	8		3					12				10
	9		12	12		4	8	20	6			25
1795	1	4	12		4		12		12	20		20
	2A		8			8	8	4				
	2B											
	3										4	10
	4	6			4					20	12	15
	5A					40						30
	5B		10									8
	6A	4	15	15	4			12	4	6		
	6B											
1796	1		12									4
	2					8						8
1797	1	6	12	4	4	30	12	8	4	4	20	8
	2	4	25		4				3	6		30
	3A							12	3		7	20
	3B							4				10
	3C											
1800	1	35	20	20	30	55	40	40	20	40	20	30
1802	1											4
	2	6	12	4	4	12	8	4	8	30	15	8
1803	1	20	10	15	12	60	8	20	12	35		5
	2			8								
	3	4	8		8		7		8		40	20
	4	35	6	8								
1804	1	40			8			8				
	2											
	4											6
	5		30	8			40		6			25
	6		20	30		45	8	40	12		30	50
	7		12							30	20	10
	8	40	25	25	12		15	20	20	30		
	9	40		8	30	8	40		20	20		
	10	55	12	20	12	15	50		20			
	11	30	12	12	12			20	20			20
	12	40	10	4	12			40	20			
	13	35	15	20	12	40	40	40	25	40	20	

HALF CENT COLLECTIONS

PAGE 4

VARIETY	BO	DPW	WP	SN	DG	RAF	MAG	RW1	RK	RP	RFP	EBR
1793	1							6				
	2	20						8	35			
	3											
	4											4
1794	1A			8								
	1B								15			
	2A			20								
	2B								6			
	3A											
	3B											
	4A			20				10			8	
	4B											
	5A											
	5B											
	6A								1			
	6B											
	7											
	8				9							
	9											12
1795	1		25					12				
	2A											
	2B											
	3											
	4						5					
	5A							10				
	5B											
	6A			12				8	25			12
	6B											
1796	1											
	2							4				
1797	1	35		12		8		20			12	
	2						12	10		1		
	3A		4									
	3B											
	3C											
1800	1	50	6	25	40		8	8	40	20	6	30
1802	1											15
	2	20		12	8		8	4	8		12	8
1803	1	55	6	15	12	8	7	15	10	4	12	8
	2	3			6			5	10			
	3	45	6		8		4	12	25		7	
	4	20	6								4	
1804	1	35				12	20				8	
	2						12					
	4		6									
	5	40	30				10					
	6	40	20									
	7	30	20									
	8	50	30	25	20	12	15		35	12	10	40
	9	35	12		20	12	20		12	25	12	
	10	40	8		40	12	20				6	
	11	20	8									
	12	50	8	25	12	12	20			40		
	13	55	30	40	12	12	15	8	50	25	30	30



## HALF CENT COLLECTIONS

PAGE 5

VARIETY	OWH	EW	WFT	PSR	JB	DW	BWB	EJM	PJ	JM	OW	CEO
1793	1						12			3		
	2									5		
	3											
	4											
1794	1A			3								
	1B											
	2A			6						8		
	2B											
	3A						15					
	3B											
	4A	20	10			12	12	30		6		
	4B											
	5A											
	5B	12										
	6A											
	6B											
	7											
	8			2								
	9			2	3		25	30		5		5
1795	1			1		5		15		4		
	2A			3				12		6		
	2B											
	3						6					
	4		12	3			15			4		
	5A						20			3		
	5B				10					10		
	6A			5			30	35		10		
	6B			2								
1796	1											
	2											
1797	1		4	3			30			6		
	2						20			8		
	3A						8					
	3B									3		
	3C											
1800	1	30	12	40	1	12	20	55	8	20		35
1802	1											
	2		12			6	8			4		10
1803	1	10		5	4		45		8		4	35
	2											10
	3	12	12	8			20					40
	4			8								
1804	1											8
	2											
	4			8								
	5						25					20
	6			8				12				35
	7		40				8	45		20		35
	8	20		25			50	40		15		35
	9			8				20		30		35
	10	20		5	4		40	20				
	11							10				
	12			3						20		30
	13	45	12	45		15	15		10	10	3	45

## HALF CENT COLLECTIONS

PAGE 6

VARIETY	RO	DF	HB	DH	PC	CMR	HC	JSH	JCR	SHG	JS	DB
1793	1											
	2											
	3											
	4											
1794	1A											
	1B											
	2A											20
	2B											
	3A											
	3B											
	4A											
	4B											
	5A											
	5B											
	6A											
	6B											
	7											
	8											
	9											30
1795	1							55				
	2A											
	2B											
	3											
	4											
	5A							45				
	5B											
	6A				8			40	4		10	
	6B											
1796	1											
	2							20				
1797	1						8					
	2							30				
	3A											
	3B											
	3C											
1800	1		20		15					25		
1802	1											
	2		6		8							
1803	1		20	8	8		45	10		15		
	2		7		7		8				10	
	3		12	8	10		8				12	
	4		12		20		35					
1804	1		20	4	7		10					12
	2											
	4											
	5		20		8		45				20	
	6		25		12		55			30		12
	7						12					
	8		30	8	12		50	15			30	
	9		25	4	15		25				30	
	10		50	4	20		60				8	
	11		7		12		10			20		15
	12		40		12		60		30		15	12
	13	30	55	10	20		25	7	60			20

## HALF CENT COLLECTIONS

PAGE 7

VARIETY	RW2	SLS	RLY	EPS	CRV	PE	JA
1793	1						
2							
3							
4							
1794	1A						
1B							
2A							
2B		4					
3A							
3B							
4A					15		
4B							
5A							
5B							
6A							
6B							
7							
8							
9							
1795	1						
2A							
2B							
3							
4							
5A							
5B							
6A							
6B							
1796	1						
2							
2A		8					
2B							
3							
4							
5A							
5B							
6A							
6B							
1798	1						
2							
2A							
2B							
3							
3A							
3B							
3C							
1800	1			12	12		
1802	1						
2							
3							
4							
1803	1		8				
2							
3							
4							
1804	1						
2							
4							
5							
6							
7							
8							
9					20		
10		12				58	
11					12		
12							
13							

## HALF CENT COLLECTIONS

PAGE 8

VARIETY		CC1	RSC	CC2	WL	JL	RL	OC	JR1	NJC	GSC	MP	GW
1805	1	63	60	60	55	20	50	35	10	50	62	45	35
	2	35	15	10	4	3	12	8	8	3	30		
	3	35	25	15	8	12	7	8	10	15	20	5	8
	4	65	60	50	50	45	55	45	20	25	62	35	45
1806	1	67	60	60	63	60	30	45	20	40	55	40	45
	2	60	45	50	55	20	25	40	8	25	55	25	
	3	15	3	7	4	3	5	7	5	3	8		
	4	67	65	60	65	60	55	35	25	45	63	40	40
1807	1	60	55	60	63	30	50	45	30	30	50	40	45
1808	1	30	4	3									
	2	63	40	30	25	40	25	15	30	15	55	15	10
	3	60	60	60	65	25	55	35	25	12	55	35	40
1809	1	35	40	10	25	8	7	10	12				4
	2	63	40	50	60	20	30	12	8	8	35	30	15
	3	65	65	60	63	40	55	35	15	55	60	55	35
	4	65	60	60	63	30	30	30	25	45	60	35	25
	5	65	65	60	55	45	35	15	50	45	60	35	35
	6	65	60	60	60	50	55	15	30	55	50	40	45
1810	1	65	60	60	58	40	50	50	10	25	55	45	45
1811	1	67	45	50	40	12	35	20	25	12	25	8	8
	2	63	40	40	50	20	10	15	20	20	35	8	15
1825	1	65	65	50	58	25	20	45	40	55	60	30	40
	2	67	60	60	63	40	55	45	25	50	63	50	35
1826	1	65	65	60	65	60	60	50	45	55	62	55	45
	2	65	55	50	45	60	45	45	45	55	62	45	40
1828	1	65	60	60	60	60	40	40	45	45	50	45	
	2	65	60	60	65	50	50	45	40	40	30	45	
	3	65	65	60	63	50	60	50	40	60	55	45	
1829	1	65	65	60	65	50	55	45	35	50	55	35	
1831	1	50	40	30	50	30		50	25				
1832	1	60	60	60	65	60	60	12	25	50	60	45	
	2	65	65	60	65	30	40	35	35	40	50	45	
	3	65	65	60	65	50	45	50	50	55	50	45	
1833	1	65	65	60	65	50	50	30	55	55	50	45	
1834	1	65	65	60	65	60	60	40	50	40	60	40	
1835	1	65	65	60	65	60	60	40	60	40	55	45	
	2	60	60	60	63	60	63	35	30	50	50	45	
1840	1	60	60	60	63	50	50	50	60	60	60	45	
1850	1	65	65	60	63	60	63	30	45	60	40	35	
1851	1	70	70	60	63	60	55	40	50	65	50	45	
1853	1	65	65	60	65	60	60	60	40	60	60	45	
1854	1	65	65	60	65	60	63	55	55	50	50	45	
1855	1	70	70	60	65	60	63	45	50	40	50	45	
1856	1	70	70	60	65	50	63	50	50	40	50	45	
1857	1	70	70	60	65	60	55	50	50	40	45	40	

TOTAL V	99	97	99	91	90	86	86	90	83	71	78	80
TOTAL G	5434	4270	3890	3970	2755	2889	2471	2123	2384	2939	2304	2104
% V	100	98	100	92	91	87	87	91	84	72	79	81
% G	100	79	72	73	51	53	45	39	44	54	42	39
SCORE	100	88	88	83	71	70	68	65	64	63	61	60

TOTAL V=TOTAL VARIETIES TOTAL G=SUM OF GRADES  
 % V=(TOTAL VARIETIES/99)\*100 % G=(TOTAL G)/(TOTAL G FOR CC1)\*100  
 SCORE=(XV+XG)/2

## HALF CENT COLLECTIONS

PAGE 9

VARIETY	SAM	SKE	FHB	TC	WEN	AB	JK	MEH	RR	MA	GPG	WB
1805	1	40	20	20	15	55	40	20	20	30	20	40
2		5				12	3	12				
3		15	12	6	10	12	10	4	4	8	3	10
4		45	50	20	12	15	20	12	20	30	35	45
1806	1	35	40	40	12	50	45	12	40	15	8	45
2		40	45	35	6	12	7	8	8	30	8	12
3							3					
4		35	60	35	15	20	50	20	15	35	80	10
1807	1	45	20	40	15	25	25	20	30	15	20	15
1808	1											
2		20	30	15	6	12	30	12	12	20	30	8
3		35	60	35	10	35	35	8	25	8	20	12
1809	1						3	4				5
2		25	10	35	6	12	25	12	20	30	12	
3		60	55		10	12	50	12	15	20		35
4		40	20	20	40	12	40	12	20	20	12	55
5		50	55	50	45	12	40	50	35	20	45	55
6		25	45	40	20	40	12	40	30	45		35
1810	1	35	45	45	30	25	40	8	35	15	20	55
1811	1	20	5	35	6	8	7	4	10	40	10	8
2		30	40	25	10	8	25	4	8	15	10	15
1825	1	45	35		12	30	30	12	50	40	6	62
2		35	40	55	45	30	25	12	60	35	40	60
1826	1	35	55	50	50	25	50	20	55	20	55	60
2		50	30	45	40	20	35	20	35	40	40	50
1828	1	50	40	30	40	40	50	12	45	50	40	45
2		55	20	40	40	45	25	20	25	50	50	45
3		60	63	60	55	45	50	20	50	40	50	60
1829	1	60	55	50	60	25	30	20	50	40	40	55
1831	1		35		50							
1832	1	45	40	35	50	45	25	12	12	45	15	
2		45	60	30	50	45	55	12	60	35	35	45
3		45	63	40	60	45	35	12	55	25	65	50
1833	1	45	50	60	60	40	50	12	50	40	50	60
1834	1	45	63	63	60	25	50	12	45	55	50	55
1835	1	50	60	60	50	40	50	20	55	45	50	55
2		45	60	65	60	25	40	12	60	45	20	60
1849	1	40	45	60	55	45	12	60	50	45	45	60
1850	1	55	55	60	60	45	40	20	58	50	45	60
1851	1	40	60	65	60	45	25	20	40	40	35	60
1853	1	55	63	63	60	45	55	20	60	50	50	63
1854	1	60	60	63	60	45	50	20	50	50	45	55
1855	1	30	65	63	55	30	30	20	50	45	40	65
1856	1	45	60	65	60	30		40	55	50	40	60
1857	1	45	63	65	60	30	40	40	50	55	40	60
TOTAL V		75	71	70	77	77	70	88	67	63	60	56
TOTAL G		2378	2497	2491	1931	1807	1975	1075	1971	1895	1712	1479
% V		78	72	71	78	78	71	87	68	64	61	57
% G		44	46	46	36	33	36	20	36	35	32	27
SCORE		60	59	58	57	56	54	53	52	49	46	42

TOTAL V=TOTAL VARIETIES

TOTAL G=SUM OF GRADES

% V=(TOTAL VARIETIES/99)\*100

% G=(TOTAL G)/(TOTAL G FOR CC1)\*100

SCORE=(%V+%G)/2

## HALF CENT COLLECTIONS

PAGE 10

VARIETY	GRT	WJF	REJ	JD	JHR	JSS	CAR	SK	WAH	KHW	JH	SL
1805	1	45	10	15	8	30	40	8	4	20	10	30
2												6
3		8	8		4			12				10
4		20	10	25	8	40	40	40	40	20	10	20
1806	1	45	30	20	30	40	20	40	12	50	55	40
2		12			12			8				20
3												
4		12		15	30	60	40	12	12		50	20
1807	1	50	8	25	12	45	12	20	8	20	30	20
1808	1											50
2			15	8	8	30	20	12	8	6	8	25
3		30	12	12	12	15	3	12	8	12	30	12
1809	1											8
2		30		10	12				8			8
3		35		40	20	12	8	20	12	35		60
4			5	20		50	8	12	12			12
5		40	25	40	60	50	50	8	20	40	20	20
6		45		12	40	40	20		8	35	40	55
1810	1	45	35	15	40	40	4	20	4	20	12	50
1811	1	8	10		4						10	35
2			40	10	4	30	4	12	15	10	30	20
1825	1		30	40		50			20	12		40
2		20	40	45	30	45	20	50	20	40	50	58
1826	1	45	25	45	20	55	35	40	20	50	50	20
2				40	20	12						20
1828	1	40	35	40	20				4	15		50
2		40	12	45	20	45	30	40	12	25	40	40
3		50	30	30	20	45	40	50	50	50	60	40
1829	1	30	40	50	40	40	30	20	12	35	25	40
1831	1											45
1832	1	55		40	20	50	45		8		40	20
2			40	45	20			40	12	45	50	40
3				40	20		50		12	35		45
1833	1	50	45	40	20	63	40	50	40	50	50	50
1834	1	50	45	55	20	55	50	40	40	50	60	50
1835	1	50	40	50	20	12	40	8	50	60	60	40
2		55	40	30	20	63	50	50	50	50	60	40
1849	1	55	50	45	40	45	50	40	40	50	45	50
1850	1	50	30	45	45	50	40	60	20	55	50	40
1851	1	45	50	40	40	40	40	50	40	50	45	50
1853	1	50	50	50	40	60	55	40	20	50	45	45
1854	1	55	60	40	40	60	50	60	40	50	50	50
1855	1	55	60	40	40	60	50	50	50	50	60	50
1856	1	45	60	45	40	40	40	40	20	40	50	40
1857	1	55	60	45	40	60	63	50	8	58	50	50
TOTAL V		50	56	54	59	44	48	47	55	45	42	45
TOTAL G		1719	1356	1449	1157	1725	1497	1380	939	1390	1537	1335
% V		51	57	55	60	44	48	47	56	45	42	45
% G		32	25	27	21	32	28	25	17	26	28	25
SCORE		41	41	41	40	38	38	35	36	35	35	35

TOTAL V=TOTAL VARIETIES

TOTAL G=SUM OF GRADES

% V=(TOTAL VARIETIES/99)\*100

% G=(TOTAL G)/(TOTAL G FOR CC1)\*100

SCORE=(%V+%G)/2

## HALF CENT COLLECTIONS

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VARIETY		BC	DPW	WP	SN	DG	RAP	MAG	RW1	RK	RP	RFF	EBR
1805	1	40	12	25	12	12	15	12	35	12	10	30	20
	2	3											
	3	10						15					
	4	12	20	25		12		15		8			12
1806	1	45	30	45	20	12	20	30	40	15	10	40	40
	2	4											
	3												
	4	60	10	30	20	12	15	10	30		10		
1807	1	40	20	30	12	20	15	8	50	30	10	30	15
1808	1							8					
	2	25		25					40	12			
	3	30	25	25	20	12	20	12		20	10	12	12
1809	1								6				
	2	30	12						30	8	6		
	3	40	40	20		12				30	10		45
	4	30	30								8		
	5	30	20	30	6	45	20	50		15	10	40	10
	6	40	20	45	20	12		8	45		8		
1810	1	40	6	15	12	12	15	30	50	15	6	40	12
1811	1	20					10		8		3		
	2	35	5	6	6	12	7	30	35	12	6	30	10
1825	1		20	15	40	20				55	10		
	2	40	15	45	4	40	20	30	50	12	12	30	25
1826	1		15	60	40	20	20	8		25	6		40
	2		30		20				50		12	30	
1828	1		30	45	20	20				15	15		
	2	45	20	8	10	20		15		25	4	30	25
	3		25	45	40	20	40	45			20	30	60
1829	1		30	25	20	20	40	12	55	25	30	40	40
1831	1								40				
1832	1		12	60		20	12	20		30		40	45
	2		25	50	40	20	20			12	10		
	3		15		20	20							
1833	1		20	60	20	40	20	12		40	15	40	50
1834	1		20	60	50	40	20	20		30		40	55
1835	1	60	25	45	12	40	35	30			8		
	2		40		50	40	40	50		35		40	45
1849	1		30	45	20	40	45	45		20	35	40	25
1850	1		20	55	40	40	40	20		25	40	40	55
1851	1		15	45	40	20	40	40		25	40	40	25
1853	1	50	20	45	20	40	45	25		45	45	40	50
1854	1		40	45	40	40	45	40		20	50	40	60
1855	1		35	45	40	40	45	40		40	25	40	63
1856	1		35	60	40	40	20	30		40		50	45
1857	1	55	30	45	40		40	40		30		45	60

TOTAL V	42	49	41	45	41	40	40	35	37	41	32	31
TOTAL G	1433	1007	1415	1024	914	888	837	951	840	546	1001	1055
% V	42	49	41	45	41	40	40	35	37	41	32	31
% G	26	19	26	19	17	16	15	18	15	10	18	19
SCORE	34	34	34	32	29	28	28	28	26	26	25	25

TOTAL V=TOTAL VARIETIES

TOTAL G=SUM OF GRADES

% V=(TOTAL VARIETIES/99)\*100

% G=(TOTAL G)/(TOTAL G FOR CC1)\*100

SCORE=(%V+%G)/2

## HALF CENT COLLECTIONS

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VARIETY	OWH	EW	WFT	PSR	JB	DW	BWB	EJM	PJ	JM	CW	CEO	
1805	1		20	50		4			10		8	30	
	2												
	3							6				4	
	4	20	8		3		30	40	55		4	35	
1806	1	20	10		3	25		50		10	20	12	45
	2							50	35				
	3												
	4	40	20	25		3	20	50					
1807	1		6	20	8	30	30	40	45	6		25	
1808	1												
	2		20	25	8							8	
	3	20	10	50		12	12	40		6		12	30
1809	1												
	2			5				45	25				
	3	45	4	30	8	10		50		20	40		45
	4			25	45			50		10	30		
	5	50	40	55	3	30	20	45		20	35	12	
	6				10			50	55		40	20	
1810	1		40			30	20	35		8	20	4	
1811	1				8			20					
	2	8	8	20					6	10			
1825	1	20	20	45	5	20						12	
	2	20		15	1	4	30		55	8			
1826	1	30	20	20	5	40	45		25			20	
	2					45				20			
1828	1	30	40	25		4			45			12	
	2	20	50	40		25	45		45	20		8	
	3			55	5	20	20			45		20	
1829	1		4	40		20	15			12		12	
1831	1												
1832	1	20	20		5			50				30	
	2			25	1		30					20	
	3	50			8	25	15				40	20	
1833	1	45	40	45		25	30			30		12	
1834	1	40	40	20	1	40	50			20		30	
1835	1		40	8	40	35			45	35	12		
	2		20		8	25						20	
1849	1	50	40	30		40	55		63	40		20	
1850	1		20	50		45	55		50			20	
1851	1	60	20	20		12	55		45	45		40	
1853	1	55	20	15		45	40		45			30	35
1854	1	58	12	60	5	35	45		15	20		45	
1855	1	55	20	20		35	50		30			20	
1856	1	60	20	15		20	63		60	20		50	
1857	1	60	40	25	8	50	55		45			20	

TOTAL V	31	36	31	44	34	30	30	24	28	30	28	24
TOTAL G	1045	746	1005	271	797	973	937	872	602	450	487	665
% V	31	36	31	44	34	30	30	24	28	30	28	24
% G	19	14	18	5	15	18	17	16	11	8	9	12
SCORE	25	25	25	25	25	24	24	20	20	19	19	18

TOTAL V=TOTAL VARIETIES

TOTAL G=SUM OF GRADES

% V=(TOTAL VARIETIES/99)\*100

% G=(TOTAL G)/(TOTAL G FOR CC1)\*100

SCORE=(%V+%G)/2

## HALF CENT COLLECTIONS

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VARIETY	RO	DF	HB	DH	PC	GMR	HC	JSH	JCR	SHG	JS	DB
1805	1	30	4	12				55				
	2											
	3	4		3								
	4	25	4	15			12			12		
1806	1	30	4	20						7		
	2	12		3								
	3											
	4	55	4	8	20		20			15		
1807	1	25	8	25		50			15			
1808	1											
	2	7		5								
	3	20	12	15	6							
1809	1											
	2											
	3		3		40					7		
	4		20									
	5	45					10		45			
	6	55										
1810	1		4		15							
1811	1				10							
	2							6				
1825	1				20			5	30			40
	2	40					6		35			
1826	1	50			40							
	2									25		
1828	1		20				25			40		
	2											
	3	40	12		35		63					
1829	1	45	20		40		12	15				
1831	1											
1832	1	40	20									
	2				45							
	3											
1833	1	40	20		40		40	45				
1834	1	40	40		30		45	50	30			
1835	1	45	8		20				25	45		
	2	40	50		40		55		35	30		
1849	1	40										
1850	1	40										
1851	1	40			30						50	64
1853	1	45	20				45					
1854	1	40			30							60
1855	1	40	35		45							68
1856	1	45	40				50					
1857	1	40										

TOTAL V	20	24	27	24	17	15	16	11	14	12	12	6
TOTAL G	840	557	392	292	447	530	385	498	315	253	249	282
% V	20	24	27	24	17	15	16	11	14	12	12	6
% G	15	10	7	5	8	10	7	9	6	5	5	6
SCORE	18	17	17	15	13	12	12	10	10	8	8	6

TOTAL V=TOTAL VARIETIES

TOTAL G=SUM OF GRADES

% V=(TOTAL VARIETIES/99)\*100

% G=(TOTAL G)/(TOTAL G FOR CC1)\*100

SCORE=(%V+%G)/2

## HALF CENT COLLECTIONS

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VARIETY	RW2	SLS	RLY	EFS	CRV	PE	JA
1805	1						
	2						
	3						
	4						
1806	1				12		
	2	12					
	3						
	4	30					
1807	1	30		10			
1808	1						
	2						
	3	30					
1809	1						
	2						
	3						
	4						
	5		8		6		
	6	40		20			
1810	1	40					
1811	1						
	2					6	
1825	1						
	2						
1826	1			25	8		
	2						
1828	1			40	20		
	2					63	
	3		4				
1829	1						
1831	1						
1832	1						
	2						
	3						
1833	1						
1834	1						
1835	1			45			
	2		20				
1849	1						
1850	1						
1851	1						
1853	1						
	2						
1854	1						
1855	1						
1856	1			45			
1857	1			50			

TOTAL V	7	8	6	6	4	1	1
TOTAL G	190	126	185	64	59	63	58
% V	7	8	6	6	4	1	1
% G	3	2	3	1	1	1	1
SCORE	5	5	5	4	3	1	1

TOTAL V=TOTAL VARIETIES

TOTAL G=SUM OF GRADES

% V=(TOTAL VARIETIES/99)\*100

% G=(TOTAL G)/(TOTAL G FOR CC1)\*100

SCORE=(%V+%G)/2



	CC1	RSC	CC2	WL	JL	RL	OC
CC1	99- 99	167-100	193- 99	180- 96	195- 90	198- 87	198- 86
RSC	100-167	97- 97	161-114	153-116	183- 94	186- 91	184- 93
CC2	99-193	114-161	99- 99	135-140	172- 95	175- 96	185- 92
WL	96-180	116-163	140-135	91- 91	170- 99	165- 95	167- 94
JL	90-195	94-183	95-172	99-170	90- 90	124-130	135-119
RL	87-196	91-186	98-175	95-165	130-124	86- 86	140-111
OC	86-196	93-184	92-185	94-167	119-135	111-140	86- 86
RI	90-198	93-198	97-188	104-168	113-145	112-147	121-132
NJC	83-197	83-192	90-182	94-170	116-133	108-138	121-126
GSC	76-190	102-166	118-139	115-138	137-118	135-111	137-113
MP	78-196	78-192	78-193	79-178	101-148	93-145	111-131
GW	80-198	80-194	81-197	80-179	96-159	93-158	102-139
SAM	76-198	77-191	78-189	79-177	106-145	99-145	111-127
SKE	71-106	72-187	79-176	76-172	98-139	101-138	109-132
PHB	72-195	73-187	85-176	77-169	102-141	95-137	108-128
YC	77-195	78-191	78-184	79-176	91-154	94-153	101-143
WEN	77-198	77-193	79-194	81-178	90-163	90-166	94-150
AB	70-198	71-193	70-196	72-179	95-163	85-162	93-138
JK	86-198	87-193	89-194	92-178	92-168	91-166	96-161
MEH	67-197	67-192	67-191	68-180	81-155	79-157	90-144
RR	63-198	63-194	64-196	65-177	76-168	76-151	82-141
MA	60-198	61-192	62-195	63-179	68-163	69-158	75-148
GPQ	48-198	50-187	50-181	51-177	69-147	70-146	79-136
WE	56-197	58-191	61-190	61-177	70-165	73-152	79-147
GRT	50-198	50-194	51-195	51-180	60-165	59-156	70-145
WJF	56-198	57-192	58-192	58-178	68-165	65-161	71-163
REJ	54-198	54-194	54-198	54-182	57-175	58-166	64-167
JD	59-198	59-194	59-198	60-182	60-178	63-168	66-164
JHR	45-197	49-188	47-186	49-176	58-155	58-150	65-145
JSS	48-198	48-194	49-196	48-182	56-170	57-163	67-149
CAR	47-198	47-194	48-195	48-180	53-165	55-162	60-155
SK	55-198	55-194	55-197	55-181	56-177	59-169	58-165
WAH	45-197	45-193	46-197	46-181	49-171	50-164	59-153
KHW	42-197	42-193	42-193	43-180	52-163	49-159	64-147
JH	45-198	45-194	45-198	45-181	49-171	49-164	59-154
BC	42-198	43-193	44-190	45-176	50-162	50-152	65-144
DPW	49-198	49-194	49-197	49-181	50-175	50-168	64-164
WP	41-197	41-193	41-193	41-181	47-167	48-161	57-152
SN	45-198	45-194	45-198	45-182	48-176	47-169	53-163
DG	41-198	41-194	41-198	41-182	42-177	43-168	48-165
RAF	40-198	40-194	40-198	40-182	40-180	41-171	43-168
MAG	40-198	41-192	41-197	41-182	44-176	44-169	45-167
RW1	35-198	35-190	39-191	40-177	49-164	49-156	50-157
EK	37-198	37-194	38-197	37-182	38-172	41-169	44-164
RP	41-198	41-194	41-198	41-182	41-180	41-172	42-170
RFF	32-198	32-194	32-198	32-182	34-174	36-169	41-161
EBR	31-198	31-194	32-194	31-182	34-172	36-163	42-160
OWH	31-198	32-194	32-194	32-182	35-171	37-164	44-157
EW	36-198	36-193	37-197	37-181	37-174	39-167	43-163
WFT	31-198	31-194	31-198	31-180	36-173	35-166	40-160
PSR	44-198	44-194	44-198	44-182	46-178	46-171	45-171
JB	34-198	34-194	34-198	34-181	34-179	34-170	36-166
DW	30-198	30-194	31-197	30-182	32-174	32-168	39-160

	JR1	NJC	GSC	MP	GW	SAM	SKE
CC1	198- 90	197- 83	190- 75	196- 78	198- 80	198- 75	196- 71
RSC	188- 93	192- 83	156-102	192- 78	194- 80	191- 77	187- 72
CC2	186- 97	182- 90	139-118	193- 78	197- 81	189- 78	176- 70
WL	168-104	170- 94	138-115	178- 79	179- 80	177- 79	172- 76
JL	145-113	137-116	118-137	148-101	169- 98	145-105	139- 98
RL	147-112	136-108	111-135	145- 93	166- 93	145- 99	138-101
OC	132-121	126-121	113-137	131-111	139-102	127-111	132-109
JR1	90- 90	134-127	116-140	137-113	141-111	133-116	130-117
NJC	127-134	83- 83	103-141	126-107	138-107	128-112	128-110
GSC	140-116	141-103	71- 71	142- 98	142-102	139- 98	137- 97
MP	113-137	107-126	98-142	78- 78	125-109	112-116	109-115
GW	111-141	107-138	102-142	109-125	80- 80	105-119	112-118
SAM	116-133	112-128	96-139	116-112	118-105	75- 75	110-113
SKE	117-130	110-128	97-137	115-109	110-112	113-110	71- 71
PHB	117-129	108-122	98-134	114-109	115-112	107-113	101-109
YC	105-147	98-137	98-142	110-120	117-119	105-122	104-119
WEN	103-148	95-143	97-142	101-126	102-126	99-123	105-119
AB	97-141	92-138	89-147	96-125	106-118	97-117	100-115
JK	99-165	103-149	110-141	109-139	107-138	104-142	110-127
MEH	95-142	89-135	87-141	89-121	102-122	96-116	89-115
RR	92-141	87-140	83-140	83-131	89-123	81-127	86-122
MA	83-151	79-142	80-139	78-134	84-129	76-131	75-122
GPQ	82-143	83-131	67-139	84-118	85-118	81-113	69-113
WE	82-153	75-146	73-138	77-131	85-128	80-127	70-120
GRT	75-150	69-143	67-140	67-133	73-125	68-129	63-124
WJF	76-157	74-145	75-141	77-136	83-134	75-131	71-128
REJ	71-157	64-150	73-142	62-146	69-139	63-137	62-129
JD	71-163	64-158	78-142	65-147	64-140	64-143	63-135
JHR	76-147	69-138	61-138	68-129	71-129	68-121	60-123
JSS	63-158	61-148	67-142	60-137	69-137	61-129	57-131
CAR	64-155	60-142	62-142	62-133	65-139	58-133	55-128
SK	60-171	60-166	74-142	61-148	62-150	60-143	59-138
KHW	63-155	66-149	63-142	54-142	65-136	59-132	50-131
JH	65-149	61-141	59-141	59-131	66-132	63-125	63-128
BC	57-154	50-150	65-141	52-142	59-140	57-136	56-131
SL	74-148	75-140	65-139	65-123	68-122	79-123	81-120
BP	72-148	66-137	47-140	67-129	69-131	65-126	60-120
DPW	57-168	52-163	68-142	51-153	53-155	52-147	53-138
WP	62-166	55-147	58-141	51-142	54-136	55-135	53-126
SN	53-167	51-152	64-142	50-149	55-148	52-141	49-137
DG	47-173	41-160	59-142	44-152	47-153	44-146	42-137
RAF	49-170	42-162	58-142	42-153	46-149	42-146	42-137
MAG	49-170	47-155	58-142	49-149	48-152	48-142	43-137
RW1	47-168	54-147	40-139	54-136	59-137	56-131	58-123
RP	47-167	40-157	53-142	42-152	40-156	40-147	41-137
RFF	43-177	41-165	53-142	42-155	42-157	41-146	41-142
EBR	44-164	41-152	47-142	37-145	42-149	38-139	37-133
OWH	47-163	37-155	46-142	39-146	42-146	38-136	33-135
EW	42-163	40-157	44-142	39-146	44-144	40-139	36-135
WFT	41-175	41-159	51-142	43-148	42-152	39-145	40-136
PSR	41-166	36-155	47-142	39-147	42-146	36-143	35-136
JB	46-177	43-153	53-142	48-152	50-153	47-149	53-140
DW	38-172	36-159	51-142	36-152	37-155	37-146	37-139
DW	40-163	36-158	46-141	38-147	38-149	38-141	35-135



	FHB	TC	WEN	AB	JK	MEH	RR
OC1	195- 72	196- 77	198- 77	198- 70	198- 86	197- 87	198- 63
RSC	187- 73	191- 78	193- 77	193- 71	193- 87	192- 87	194- 63
CC2	176- 85	184- 78	194- 75	198- 70	194- 89	191- 87	196- 64
WL	189- 77	176- 79	178- 81	179- 72	178- 92	180- 83	177- 85
JL	141-102	164- 91	163- 90	153- 86	168- 92	165- 81	158- 78
RL	137- 95	153- 94	158- 90	152- 85	164- 91	157- 79	161- 76
OC	128-106	143-101	150- 94	138- 93	161- 96	144- 90	141- 82
JR1	129-117	147-105	148-103	141- 97	165- 99	142- 95	141- 92
NJC	122-108	137- 98	143- 95	138- 92	149-103	135- 89	140- 87
GSC	134- 96	142- 98	142- 97	142- 89	141-110	141- 87	140- 83
MF	109-114	120-110	126-101	125- 96	139-109	121- 89	131- 83
CH	112-115	119-117	126-102	119-108	138-107	122-102	123- 89
SAM	113-107	121-105	125- 99	117- 97	149-104	118- 95	127- 81
SKB	109-101	119-104	110-105	115-100	127-110	115- 89	122- 86
FHB	70- 70	120-103	121-104	116- 92	127-107	121- 85	124- 82
TC	103-120	77- 77	110-122	112-113	128-114	114-103	120- 95
WEN	104-121	122-110	77- 77	108-110	137-104	107-107	112-102
AB	92-116	113-112	110-108	70- 70	128-106	107- 63	106- 93
JK	107-127	114-128	104-137	109-128	86- 86	113-120	117-115
MEH	85-121	103-114	107-107	103-107	120-113	87- 67	103- 95
RR	82-124	95-120	102-112	93-106	115-117	95-103	63- 63
MA	78-124	89-122	91-119	87-109	101-122	81-107	87-100
QFC	76-113	81-115	87-113	85-107	93-125	85- 69	82- 60
WE	82-118	87-125	85-125	78-118	96-130	88-108	88- 99
GRT	86-122	70-128	78-119	75-108	91-128	75-106	75- 94
WJF	69-133	78-129	82-127	74-125	98-129	77-117	81-102
REJ	64-128	70-131	74-128	71-119	92-131	69-119	69-105
JD	65-136	74-140	71-135	71-128	89-129	67-124	70-112
JHR	63-120	73-124	74-121	73-110	82-132	69-106	75- 93
JSS	60-128	83-135	89-129	66-116	80-135	63-115	69-101
CAR	59-129	70-129	71-128	67-119	79-129	64-110	71-102
SK	81-137	87-137	81-140	64-131	73-143	64-122	63-116
WAH	55-130	87-135	88-128	60-116	79-133	54-116	68- 99
KW	52-127	65-127	71-122	66-111	81-133	62-110	66- 98
JH	53-131	82-136	82-129	69-121	76-132	57-117	62-102
SL	81-114	84-123	82-121	83-111	88-132	84-107	86-105
BC	60-118	73-122	70-124	66-111	77-135	73-104	74- 96
DFW	53-135	61-141	60-140	63-132	76-138	64-127	59-115
WF	55-125	62-127	68-124	58-120	77-134	60-114	64-101
SN	61-137	57-140	56-138	54-129	70-139	62-126	55-116
DC	43-140	47-145	48-144	46-135	61-140	47-139	48-120
RAF	42-139	45-143	46-144	46-130	63-145	43-127	43-115
MAG	46-136	50-143	52-140	51-131	62-146	48-126	52-118
RW1	55-124	64-128	62-131	58-122	65-146	59-115	62-106
RK	41-138	47-142	47-136	45-131	60-144	43-124	44-115
RP	44-138	43-148	43-150	43-136	63-158	42-131	45-122
RFF	38-134	44-141	46-138	46-124	60-142	41-120	43-112
EBR	35-133	41-139	47-140	43-126	56-145	41-119	43-108
OWH	37-133	44-136	48-136	42-129	57-143	44-121	50-109
EW	43-135	46-141	45-140	41-133	52-146	46-124	45-115
WFT	39-132	43-139	46-138	41-128	56-144	41-124	45-108
PSR	55-138	51-160	47-150	50-137	60-165	52-132	52-124
JB	36-139	39-146	42-142	40-134	53-160	36-130	42-118
DW	35-135	39-144	42-137	41-129	54-146	39-124	42-111

	MA	GPG	WE	GRT	WJF	REJ	JD
OC1	198- 60	198- 48	197- 58	198- 50	198- 58	198- 54	198- 59
RSC	192- 61	187- 50	190- 58	194- 50	192- 57	194- 54	194- 59
CC2	195- 62	181- 50	190- 61	195- 51	192- 58	198- 54	198- 59
WL	170- 63	177- 51	177- 61	180- 51	178- 58	182- 54	182- 59
JL	163- 68	147- 69	165- 70	165- 60	165- 68	175- 67	178- 60
RL	158- 69	148- 70	162- 73	168- 59	161- 65	166- 58	168- 63
OC	148- 75	136- 79	147- 79	145- 70	153- 71	167- 64	164- 66
JR1	161- 83	143- 82	153- 82	150- 75	157- 76	157- 71	153- 71
NJO	142- 79	131- 83	148- 75	143- 80	145- 74	150- 64	158- 64
CSC	139- 80	136- 87	138- 73	140- 87	141- 75	142- 73	142- 78
MP	134- 78	118- 84	131- 77	133- 87	136- 77	146- 62	147- 65
GW	129- 84	118- 85	128- 85	125- 73	134- 83	139- 69	150- 64
SAM	131- 76	113- 81	127- 80	129- 68	131- 75	137- 63	143- 64
SKB	122- 75	113- 69	120- 79	124- 63	128- 71	129- 62	135- 63
FHB	124- 78	113- 78	118- 82	122- 66	133- 69	128- 64	136- 65
TC	122- 86	115- 81	125- 87	128- 70	129- 78	131- 70	140- 74
WEN	119- 91	113- 87	125- 85	119- 78	127- 82	126- 74	135- 71
AB	109- 87	107- 85	118- 78	108- 75	125- 74	119- 71	128- 71
JK	122-101	125- 93	130- 95	128- 91	129- 98	131- 92	129- 89
RR	100- 87	90- 82	99- 88	94- 75	102- 81	105- 69	112- 70
MA	60- 60	82- 88	94- 90	89- 79	98- 81	95- 73	99- 77
QPC	88- 82	48- 48	84- 88	93- 68	87- 77	88- 71	94- 79
WE	90- 94	88- 84	66- 56	89- 81	93- 89	93- 80	90- 81
GRT	79- 89	68- 93	81- 89	60- 50	85- 84	86- 74	91- 73
WJF	81- 98	77- 87	89- 93	84- 85	86- 86	85- 84	97- 83
REJ	73- 95	71- 88	80- 93	74- 86	64- 55	54- 64	89- 80
JD	77- 99	79- 94	81- 99	73- 91	83- 97	80- 89	59- 59
JHR	75- 92	81- 77	76- 91	72- 80	77- 82	76- 75	80- 83
JSS	70- 77	83- 93	71- 98	84- 96	84- 96	81- 85	85- 85
CAR	69- 94	69- 90	75- 92	69- 82	73- 88	78- 82	81- 82
SK	72-105	71- 93	79-101	69- 93	77- 97	72- 91	73- 96
WAH	62- 92	60- 91	66- 94	66- 79	70- 87	68- 81	78- 84
KW	67- 96	65- 83	72- 91	65- 76	71- 84	73- 79	79- 82
JH	64- 97	67- 90	71- 94	64- 85	70- 80	70- 86	75- 82
SL	87- 98	79- 85	85- 89	92- 83	87- 92	91- 88	93- 94
BC	72- 94	68- 85	72- 88	67- 80	79- 84	77- 78	80- 86
DFW	58-112	64- 94	67-103	60- 96	68- 82	62- 96	69- 97
WF	65- 96	63- 87	66- 94	60- 84	70- 87	66- 78	74- 84
SN	68-103	66- 96	63-101	59- 93	66- 96	60- 93	63- 89
DC	50-109	55- 94	56-102	48- 97	58- 96	48- 97	54- 90
RAF	49-109	51- 94	56-101	47- 94	54- 99	53- 91	61- 92
MAG	55-108	60- 90	57-103	52- 93	55-100	55- 95	58- 95
RW1	64- 97	59- 89	61- 95	60- 84	68- 93	67- 87	68- 94
RK	48-108	48- 94	53-102	43- 99	48-103	47- 93	54- 98
RP	60-118	56- 95	61-109	48- 97	54-108	50-103	48-109
RFF	47-106	38- 94	47- 99	42- 93	46- 94	44- 88	51- 88
EBR	44-102	38- 91	46-100	43- 86	48- 93	45- 89	53- 94
OWH	48-105	44- 89	49-100	46- 87	50- 95	49- 91	55- 92
EW	47-108	44- 92	51-101	46- 93	50-103	46- 98	48- 97
WFT	42-107	36- 93	47- 98	44- 89	46- 97	45- 93	51- 95
PSR	67-117	63- 96	63-106	61- 97	58-108	57-104	58-113
JB	42-112	43- 94	45-106	38-100	45-103	39-101	48-101
DW	40-108	36- 92	47-100	42- 86	44- 99	44- 91	50- 94

	JHR	JSS	CAR	SK	WAH	KHW	JH
CC1	197-45	198-48	198-47	198-55	197-45	197-42	198-45
RSC	188-49	194-48	194-47	194-55	193-45	193-42	194-45
CC2	186-47	196-49	195-48	197-55	197-46	193-42	198-45
WL	178-40	182-48	180-48	181-55	181-46	180-43	181-45
JL	159-58	170-56	165-53	177-56	171-49	163-52	171-49
RL	158-58	163-57	162-55	169-59	164-60	159-49	164-49
OC	145-65	140-67	155-60	165-58	163-69	147-64	154-59
JR1	147-76	158-63	155-64	171-60	155-63	149-65	154-57
NJC	138-60	148-61	142-60	156-60	149-58	141-61	150-60
GSC	138-61	142-67	142-61	142-74	142-63	141-60	141-65
WP	129-68	137-60	133-62	148-61	142-64	131-69	142-62
CW	129-71	137-60	139-65	150-62	136-65	132-66	140-59
SAM	121-68	129-61	133-58	143-60	132-69	125-63	136-67
SKE	123-60	131-57	128-56	138-59	131-60	128-63	131-68
FHB	123-63	128-60	129-59	137-61	131-55	127-62	131-63
TC	124-73	135-63	129-70	137-67	136-67	127-66	136-62
WEN	121-74	129-60	126-71	140-61	128-68	122-71	129-62
AB	110-73	116-68	119-67	131-64	116-60	111-66	121-59
JK	132-82	135-80	129-79	143-73	133-79	133-81	132-78
WEH	106-69	115-63	110-64	122-64	116-64	110-82	117-67
RR	93-75	101-69	102-71	116-63	99-68	98-66	102-62
MA	92-75	97-70	94-69	105-72	92-62	96-67	97-64
CPQ	77-61	93-83	90-59	93-71	91-60	83-55	90-57
WE	91-75	98-71	92-75	101-79	94-66	91-72	94-71
GRT	80-72	84-69	82-69	93-60	79-66	76-65	85-64
WJF	82-77	90-76	88-73	97-77	87-70	84-71	89-70
REJ	75-76	81-75	82-78	91-72	81-68	79-73	86-70
JD	83-80	85-81	82-81	96-73	84-78	82-79	82-75
JHR	44-44	76-63	78-64	81-75	77-65	73-68	79-60
JSS	63-76	68-72	75-76	79-74	71-68	70-73	72-66
CAR	64-78	75-72	47-47	82-73	69-67	68-70	74-66
SK	75-81	74-79	73-82	85-55	72-79	74-82	73-81
WAH	65-77	68-71	67-69	79-72	46-45	68-69	69-64
KHW	58-73	73-70	70-68	82-74	69-68	42-42	69-60
JH	60-79	66-72	66-74	81-73	64-69	60-69	45-45
SL	85-75	90-79	89-74	92-89	92-72	90-71	94-71
BC	70-73	78-76	78-76	82-79	78-69	78-64	81-70
DPW	67-84	65-85	68-87	75-84	67-79	67-80	65-80
WP	60-72	67-74	64-75	76-77	63-72	59-65	68-70
SN	59-82	59-76	62-79	72-78	58-80	58-81	60-76
DC	52-84	52-85	52-84	60-83	52-82	55-80	52-80
RAP	53-81	52-85	55-87	63-84	53-84	50-78	52-81
MAC	49-82	54-85	55-85	62-84	52-82	51-78	53-81
RW1	63-78	65-81	64-77	69-90	66-76	63-73	66-75
RK	47-84	48-86	50-84	58-85	47-80	48-78	51-79
RP	55-86	55-87	55-90	55-96	51-87	55-80	52-87
RFP	36-79	46-79	44-80	54-84	47-77	40-75	45-74
EBR	37-77	48-75	44-76	55-85	43-73	43-70	46-72
OWH	45-80	45-77	49-81	54-84	50-75	49-74	50-74
EW	43-85	45-88	49-86	52-88	48-82	45-80	46-81
WFT	42-80	46-79	46-79	54-86	44-75	42-75	44-73
PSR	63-87	60-93	64-93	57-102	63-88	64-84	65-88
JB	39-87	42-87	44-85	49-90	41-84	43-80	45-80
DW	40-81	44-83	44-80	54-86	39-77	41-73	42-75

	SL	BC	DPW	WP	SN	DG	RAP
CC1	198-47	198-42	198-49	197-41	198-45	198-41	198-40
RSC	191-47	193-43	194-49	193-41	194-45	194-41	194-40
CC2	194-48	190-44	197-40	193-41	198-45	198-41	198-40
WL	171-51	175-46	181-40	181-41	182-45	182-41	182-40
JL	152-70	152-57	175-50	167-47	176-48	177-42	180-40
RL	150-65	165-58	166-50	161-48	169-47	168-43	171-41
OC	143-70	144-65	164-54	152-57	163-53	165-46	166-43
JR1	148-74	148-72	168-57	156-62	167-53	173-47	170-46
NJC	140-75	137-68	163-52	147-55	152-51	160-41	162-42
GSC	139-59	140-47	142-68	141-58	143-63	142-50	142-58
WP	123-85	129-67	153-61	122-62	150-50	152-44	153-42
CW	122-88	131-69	155-63	138-54	148-55	153-47	149-48
SAM	123-70	126-65	147-52	133-55	141-52	146-44	148-42
SKE	120-81	120-60	136-53	128-53	137-40	137-42	137-42
FHB	114-81	118-60	135-63	125-55	137-51	140-43	139-42
TC	123-84	122-73	141-61	127-62	140-57	145-47	143-45
WEN	121-82	124-70	140-60	124-66	138-55	144-48	144-46
AB	111-83	111-66	132-53	120-58	129-54	135-46	130-46
JK	132-88	135-77	138-75	134-77	136-70	140-61	145-63
WEH	107-84	104-73	127-54	114-60	126-52	129-47	127-43
RR	105-86	96-74	115-59	101-64	116-55	120-46	115-43
MA	98-87	94-72	112-58	96-85	103-58	109-50	109-40
CPQ	85-79	85-68	94-64	87-53	95-56	94-55	94-51
WE	89-85	86-72	103-67	94-66	101-63	102-56	101-56
GRT	83-92	80-67	96-60	84-60	93-59	97-48	94-47
WJF	92-87	84-79	98-68	87-70	96-68	96-58	99-54
REJ	88-91	78-77	98-62	78-66	93-60	97-48	91-53
JD	94-93	86-80	97-69	84-74	90-63	90-54	92-61
JHR	75-85	73-70	84-67	72-60	82-59	84-52	81-53
JSS	70-90	75-76	86-65	74-67	76-59	85-52	85-52
CAR	74-89	71-76	87-68	75-64	79-62	84-52	87-55
SK	80-92	70-82	84-75	77-76	78-72	83-60	84-63
WAH	72-92	60-78	79-87	72-63	80-58	82-52	84-53
KHW	71-90	64-78	80-67	65-59	81-58	80-55	78-50
JH	71-94	70-81	80-65	70-68	76-60	80-52	81-52
SL	47-47	83-67	92-83	91-68	91-77	94-68	93-68
BC	67-83	42-42	81-68	78-82	82-66	81-60	83-55
DPW	83-92	68-81	49-49	87-76	72-72	69-64	71-65
WP	68-91	62-78	76-67	41-41	78-59	78-52	75-52
SN	77-91	66-82	72-72	59-78	45-45	70-56	68-60
DC	68-94	60-81	64-69	52-78	56-70	41-41	60-66
RAP	68-93	55-83	66-71	52-75	60-68	66-60	40-40
MAC	68-92	61-82	63-76	52-76	59-72	60-67	61-65
RW1	59-83	55-73	69-81	65-68	67-72	70-69	69-65
RK	60-92	53-83	58-78	46-74	55-71	58-60	57-66
RP	68-94	55-84	51-86	53-78	57-81	55-75	55-75
RFP	54-92	49-86	59-72	45-72	52-65	53-60	54-60
EBR	51-94	48-80	57-73	43-70	54-67	52-60	55-58
OWH	54-94	50-79	55-72	49-66	53-70	56-58	58-57
EW	58-92	55-80	58-78	46-76	53-76	50-69	58-66
WFT	50-91	48-80	49-76	44-88	53-70	52-61	52-62
PSR	72-92	65-82	61-95	66-82	63-89	64-82	65-79
JB	56-94	51-83	50-81	43-75	50-73	47-66	52-66
DW	51-92	47-80	54-75	40-70	51-70	51-63	52-61

	MAG	RW1	RK	RP	RFF	EBR	OWH
CC1	198- 40	198- 35	198- 37	198- 41	198- 32	198- 31	198- 31
RSC	192- 41	190- 35	194- 37	194- 41	194- 32	194- 31	194- 32
CC2	197- 41	191- 39	197- 38	198- 41	198- 32	194- 32	194- 32
WL	182- 41	177- 40	182- 37	182- 41	182- 32	182- 31	182- 32
JL	178- 44	164- 49	178- 38	180- 41	174- 34	172- 34	171- 35
RL	169- 44	158- 49	169- 41	172- 41	169- 36	163- 36	164- 37
OC	167- 45	157- 50	164- 42	170- 42	161- 41	160- 42	157- 44
JR1	170- 49	158- 57	167- 47	177- 43	164- 44	163- 47	163- 42
NJC	155- 47	147- 54	157- 40	165- 41	152- 41	155- 37	157- 40
GSC	142- 58	139- 40	142- 53	142- 63	142- 47	142- 46	142- 44
MP	149- 44	136- 54	152- 41	155- 42	145- 37	146- 39	146- 39
CW	152- 48	137- 59	156- 40	157- 42	149- 42	146- 42	144- 44
SAM	142- 48	131- 56	147- 40	149- 41	139- 38	138- 38	139- 40
SKE	137- 43	123- 58	137- 41	142- 41	133- 37	135- 33	135- 35
FHB	136- 46	124- 55	138- 41	138- 44	134- 38	133- 35	133- 37
TO	143- 50	128- 64	142- 47	148- 43	141- 44	139- 41	136- 44
WEN	140- 52	131- 62	136- 47	160- 43	138- 46	136- 47	136- 48
AB	131- 51	122- 58	131- 45	136- 43	124- 46	126- 43	129- 42
JK	146- 62	146- 65	144- 60	158- 53	142- 60	145- 56	143- 57
MEH	126- 48	115- 59	124- 43	131- 42	120- 41	119- 41	121- 44
RR	118- 52	108- 62	115- 44	122- 45	112- 43	108- 43	109- 50
MA	106- 55	97- 64	108- 48	116- 50	105- 47	102- 44	105- 48
GPG	90- 50	89- 59	94- 48	95- 56	94- 38	91- 38	89- 44
WE	103- 57	95- 61	102- 53	109- 51	99- 47	100- 46	100- 49
GRT	93- 52	84- 60	99- 43	97- 48	93- 42	85- 43	87- 46
WJF	100- 55	93- 68	103- 48	108- 54	94- 46	93- 48	95- 50
REJ	95- 55	87- 67	93- 47	103- 50	88- 44	89- 45	91- 49
JD	95- 58	94- 68	98- 54	109- 48	88- 51	94- 53	92- 55
JHR	82- 49	78- 63	84- 47	86- 55	79- 36	77- 37	80- 45
JSS	85- 54	81- 65	86- 48	87- 52	79- 46	75- 48	77- 45
JSS	85- 55	87- 64	84- 50	90- 58	80- 44	78- 44	81- 40
SK	84- 62	80- 69	85- 58	96- 55	84- 54	85- 55	88- 54
WAH	82- 52	76- 68	80- 47	87- 51	77- 47	73- 43	75- 50
KHW	78- 51	73- 63	78- 48	80- 55	75- 40	70- 43	74- 49
JH	81- 53	75- 66	79- 51	87- 52	74- 45	72- 46	74- 50
SL	92- 68	83- 59	92- 60	94- 68	82- 54	84- 51	94- 54
BC	82- 61	73- 55	83- 53	84- 55	82- 49	80- 46	79- 50
DPW	76- 63	81- 69	78- 58	88- 51	72- 59	73- 57	72- 55
WPF	76- 64	68- 55	74- 46	78- 53	72- 45	70- 43	68- 49
SN	72- 59	72- 67	71- 55	81- 57	66- 52	67- 54	70- 53
OC	67- 60	69- 70	60- 58	75- 55	60- 53	60- 52	58- 56
EAF	65- 61	65- 69	66- 57	75- 55	60- 54	58- 55	57- 58
MAG	40- 40	68- 68	63- 61	70- 60	57- 54	59- 53	60- 56
RW1	68- 66	35- 35	68- 61	70- 64	68- 51	67- 52	60- 54
RK	61- 63	61- 68	37- 37	66- 60	50- 59	52- 52	54- 56
RP	80- 70	64- 70	60- 66	41- 41	63- 60	59- 60	57- 62
RFF	54- 57	51- 58	59- 50	60- 63	32- 32	50- 46	51- 54
EBR	53- 59	52- 67	52- 52	60- 59	46- 50	31- 31	50- 53
OWH	56- 60	54- 69	56- 64	62- 57	54- 61	50- 50	51- 51
EW	53- 65	60- 68	53- 63	62- 65	48- 57	50- 50	49- 55
WFT	53- 64	53- 68	52- 56	57- 60	51- 53	48- 51	47- 53
PSR	70- 78	72- 69	69- 74	71- 75	73- 64	72- 62	71- 62
JB	54- 66	57- 70	50- 62	55- 64	46- 56	47- 54	47- 57
DW	53- 57	53- 68	52- 58	55- 63	48- 51	48- 49	47- 55

	EW	WFT	PSR	JB	DW	BWB	EJM
CC1	198- 36	198- 31	198- 44	198- 34	198- 30	198- 30	197- 25
RSC	193- 36	194- 31	194- 44	194- 34	194- 30	191- 32	193- 25
CC2	197- 37	198- 31	198- 44	198- 34	197- 31	195- 31	195- 28
WL	181- 37	180- 31	182- 44	181- 34	182- 30	180- 31	180- 25
JL	174- 37	173- 36	178- 48	179- 34	174- 32	162- 46	165- 38
RL	167- 39	166- 35	171- 48	170- 34	168- 32	158- 40	162- 31
OC	163- 43	160- 40	171- 45	168- 36	160- 39	154- 45	157- 39
JR1	175- 41	168- 41	177- 46	172- 38	163- 40	157- 51	160- 41
NJC	159- 41	155- 36	163- 47	159- 36	158- 36	143- 48	151- 38
GSC	142- 51	142- 47	142- 53	142- 51	141- 46	139- 53	141- 31
MP	148- 43	147- 39	152- 48	152- 36	147- 38	132- 63	139- 40
GW	152- 42	146- 42	153- 50	155- 37	149- 38	137- 52	140- 39
SAM	145- 39	143- 38	149- 47	148- 37	141- 38	130- 49	135- 36
SKE	136- 40	136- 35	140- 53	139- 37	135- 35	124- 48	125- 41
FHB	135- 43	132- 39	138- 55	139- 38	135- 35	126- 48	127- 35
TO	141- 48	139- 43	150- 51	146- 39	144- 39	127- 55	135- 39
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CC2	198-28	198-30	198-28	198-24	198-20	198-24	198-27
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JL	180-28	176-32	170-28	173-30	177-21	174-28	180-27
RL	172-28	160-31	172-28	166-31	170-21	165-27	172-27
OC	168-31	167-35	168-30	165-29	160-28	166-27	169-29
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WE	109-34	103-49	109-37	99-36	106-29	102-36	108-35
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JSS	87-36	90-46	91-31	86-39	86-26	86-41	91-29
CAR	89-34	88-45	91-35	85-38	88-27	84-38	88-35
SK	90-40	95-52	92-40	92-43	93-32	95-43	96-34
WAH	88-30	81-48	87-30	80-40	83-26	81-43	85-34
KHW	81-33	81-46	83-32	76-40	78-23	78-40	84-34
JH	85-32	86-50	85-32	79-43	78-27	83-42	85-35
BL	94-47	93-45	94-48	93-39	93-38	93-39	94-47
BO	84-39	80-44	84-43	79-30	81-35	79-28	84-36
DPW	83-40	87-54	89-35	82-46	78-37	83-43	89-33
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RAF	69-39	71-52	74-37	67-44	64-31	65-46	73-37
MAG	69-40	74-50	69-39	69-47	64-32	70-45	71-39
RW1	70-46	69-45	70-49	64-40	69-37	64-39	70-44
RK	69-37	67-54	69-36	62-43	67-37	66-40	70-38
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WL	182-24	182-17	179-17	182-16	177-13	182-14	182-12
JL	180-24	178-18	171-23	180-16	171-19	178-14	179-13
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JR1	173-28	176-22	167-26	178-18	170-19	178-16	177-15
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REJ	97-33	101-22	97-28	103-20	101-21	102-18	102-18
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JHR	85-36	85-24	84-28	88-18	83-21	87-18	87-20
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KHW	82-38	81-22	80-28	82-19	78-20	81-20	83-19
JH	86-38	84-24	86-30	87-20	83-21	88-20	88-17
BL	93-39	94-27	89-28	93-28	91-21	93-21	93-22
BO	81-26	83-37	76-22	83-23	82-21	82-20	85-17
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RAF	72-37	70-26	70-29	71-23	73-22	73-24	77-20
MAG	72-42	74-26	76-30	73-26	71-22	74-24	77-20
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RK	69-38	65-29	64-28	65-25	70-22	67-23	71-19
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HB	25-138	32-144	25-140	24-137	32-163	29-129	29-122
PO	21-139	21-150	23-145	20-136	29-158	19-132	22-119
GMR	23-130	25-143	25-143	27-128	28-160	25-124	27-116
HC	18-140	17-150	10-147	19-138	24-182	19-131	18-122
JSH	18-135	20-148	20-148	21-131	22-161	20-125	18-118
JCR	16-139	17-149	20-148	21-131	21-164	18-131	18-120
SHG	15-138	16-148	16-148	13-138	19-183	14-133	14-124
JS	14-138	15-149	16-150	15-136	17-165	13-133	13-121
DB	10-137	12-149	12-148	12-134	12-166	12-129	11-122
RW2	7-139	13-148	10-148	10-136	14-165	11-129	12-121
SL5	9-140	9-153	10-153	10-140	11-168	10-133	9-125
RLY	7-139	8-152	8-150	7-139	11-167	6-134	7-123
EFS	6-140	6-152	6-153	6-140	8-168	6-134	6-126
CRV	4-140	5-152	5-153	4-138	5-170	5-133	5-126
PE	2-139	2-153	2-153	2-139	2-171	2-133	2-125
JA	1-140	2-153	2-153	2-139	2-171	2-133	2-125

	JR1	NJC	GSC	MP	GW	SAM	SKE
BWB	51-157	48-143	33-139	53-132	52-137	49-130	48-124
EJM	41-160	38-151	31-141	40-139	39-140	36-135	41-125
PJ	31-175	30-164	42-142	28-155	29-155	29-146	28-141
JM	36-173	34-164	33-142	40-146	38-149	35-146	38-138
CW	29-178	29-164	45-142	28-155	29-159	29-148	28-142
CEO	26-167	35-154	27-142	32-147	28-149	29-145	32-133
RO	38-171	22-150	36-141	22-153	26-149	24-143	21-139
DF	32-167	31-156	24-142	28-149	30-154	28-145	30-135
HB	28-179	27-163	38-142	27-155	28-158	29-148	27-141
DH	28-173	25-164	24-142	26-153	27-157	25-149	27-137
PO	22-175	18-164	25-142	18-156	21-155	18-148	18-141
GMR	28-167	25-155	15-137	24-146	25-150	24-141	24-132
HC	18-178	19-163	24-142	17-155	18-156	18-147	16-142
JSH	19-170	21-156	18-138	19-148	21-151	21-141	16-134
JCR	16-178	15-163	18-142	15-154	15-156	13-148	16-140
SHG	15-177	14-164	15-142	13-154	13-158	13-149	13-139
JS	15-174	15-163	14-142	13-152	14-157	13-149	14-140
DB	12-174	11-161	10-141	12-150	12-154	10-144	10-137
RW2	12-174	9-163	7-142	7-155	7-160	9-148	8-141
SL5	9-179	9-165	12-142	9-155	11-158	10-149	9-141
RLY	6-180	8-164	9-142	6-156	6-158	7-149	6-141
EFS	6-180	6-166	7-142	6-156	6-160	6-150	6-142
CRV	5-178	4-165	4-142	5-155	4-159	4-150	5-140
PE	2-179	2-165	2-142	2-155	2-159	2-149	2-141
JA	2-179	2-165	1-142	2-155	2-159	2-149	2-141

	MA	GPG	WE	GRT	WJF	REJ	JD
BWB	56-100	50-90	57-97	56-82	56-98	60-90	59-95
EJM	40-106	39-88	43-101	39-87	42-96	44-91	47-99
PJ	32-116	32-96	34-109	32-99	35-108	31-103	37-104
JM	43-111	43-96	49-103	44-95	42-107	48-95	48-103
CEO	37-106	35-95	37-109	32-99	32-111	30-104	31-107
RO	28-110	22-96	36-99	35-91	41-98	42-90	43-100
DF	40-105	37-93	36-103	25-94	30-102	28-97	35-99
HB	33-115	36-95	35-108	29-99	41-98	41-92	41-102
DH	32-113	37-94	33-105	30-98	38-109	31-105	29-110
PO	22-113	20-95	25-107	25-94	23-105	22-101	28-106
GMR	27-111	27-92	25-105	24-93	28-101	28-97	28-110
HC	20-117	18-96	23-108	18-97	19-107	20-103	25-108
JSH	16-117	18-90	21-108	20-91	21-104	21-102	22-108
JCR	16-115	18-95	19-107	19-97	21-105	18-102	24-108
SHG	17-116	18-95	19-108	17-97	22-107	16-102	20-111
JS	11-115	11-92	12-106	12-97	18-107	19-100	21-109
DB	12-116	10-95	12-107	9-96	13-109	12-103	12-114
RW2	10-117	11-96	13-111	10-99	9-111	10-107	10-111
SL5	7-118	7-96	7-111	6-99	10-108	8-105	10-115
RLY	7-119	7-96	7-111	7-100	6-112	6-108	7-114
EFS	6-120	7-95	6-111	5-100	6-111	6-106	5-116
CRV	2-119	2-95	2-111	2-99	2-111	2-107	2-117
PE	2-119	2-95	2-111	2-99	2-111	2-107	2-117
JA	2-119	2-96	2-112	2-99	2-111	2-107	2-117



	JHR	JSS	CAR	SK	WAH	KHW	JH
DWB	50-80	54-80	56-80	58-80	59-75	56-72	57-75
BJM	43-75	44-83	43-83	46-93	45-77	44-74	48-80
PJ	34-84	36-87	34-80	40-98	30-88	33-87	34-89
JM	47-82	48-90	45-88	52-95	48-81	49-81	50-88
CW	33-85	31-91	35-91	40-92	30-87	32-83	32-86
CEO	37-81	39-86	38-85	43-92	40-80	40-76	43-79
RO	24-83	26-86	27-88	32-93	26-83	23-78	27-78
DP	38-83	41-86	38-84	43-95	43-81	40-78	42-83
HB	32-87	29-91	35-88	34-96	34-85	34-84	35-85
DH	36-85	36-89	34-90	35-101	38-87	38-82	38-86
PO	24-85	26-89	25-80	28-90	24-85	22-81	24-84
GMR	28-84	28-90	28-88	29-100	25-84	23-80	29-85
HC	18-88	18-92	21-91	23-101	20-87	19-82	20-87
JSH	21-83	21-91	21-87	22-102	21-82	20-78	21-83
JOR	20-87	22-90	18-93	23-99	17-89	20-81	20-88
SHG	20-86	20-93	16-92	19-103	20-85	20-82	20-88
DB	10-83	12-91	10-89	12-105	12-85	11-80	12-85
RW2	9-85	12-92	13-88	14-104	14-85	9-80	13-86
SL5	10-87	10-94	11-93	10-107	11-89	11-83	12-89
RFL	8-87	7-94	9-94	11-105	7-89	7-84	8-88
RLS	7-88	7-95	7-94	7-108	7-89	7-84	8-90
CRV	7-87	6-96	6-94	5-106	6-89	7-84	7-90
PE	2-87	2-95	2-93	2-100	2-89	2-83	2-89
JA	2-87	2-95	2-94	2-109	2-90	2-84	2-90

	MAG	RW1	RK	RP	RFF	EBR	OWH
DWB	58-68	58-57	59-64	60-84	58-58	59-52	58-53
BJM	48-68	45-67	46-81	48-69	48-54	48-53	48-52
PJ	40-69	45-70	37-69	46-84	36-59	34-59	36-71
JM	50-74	45-69	54-67	57-69	49-64	53-58	52-58
CW	39-69	49-70	36-69	44-70	36-61	36-59	38-61
CEO	47-69	40-84	43-62	44-69	42-57	43-52	43-52
RO	32-64	37-69	37-57	36-69	28-49	28-55	29-58
DF	45-70	39-84	40-66	48-67	43-60	45-55	45-53
HB	39-71	44-70	38-70	37-75	39-61	36-59	37-60
DH	42-72	36-68	36-69	45-70	41-63	41-58	38-60
PO	28-74	29-69	29-65	33-70	26-60	25-59	26-60
GMR	30-76	27-84	28-69	29-74	26-82	29-59	29-58
HC	26-73	25-70	25-65	26-73	24-59	21-58	20-60
JSH	22-71	21-66	22-70	22-78	21-58	21-58	21-60
JOR	24-74	21-69	23-67	25-74	22-60	23-57	22-59
SHG	20-77	18-69	19-71	23-74	21-64	21-61	20-59
JS	23-76	20-70	22-70	23-77	21-63	20-62	21-61
DB	12-76	12-69	12-70	12-78	12-59	11-58	12-58
RW2	14-75	9-69	13-71	14-77	11-61	14-59	13-61
SL5	12-79	12-70	12-73	13-80	10-63	11-60	11-62
RLY	12-75	10-70	11-76	11-78	9-61	9-61	9-61
EF5	8-77	9-70	7-73	10-77	8-64	7-62	6-62
CRV	8-78	7-70	5-73	8-79	7-64	7-62	6-62
PE	2-79	2-70	2-73	2-81	2-63	2-61	2-61
JA	2-80	2-70	2-74	2-81	2-64	2-62	2-61

	SL	BC	DPW	WP	SN	DG	RAF
DWB	46-87	49-71	60-83	58-70	58-76	59-71	60-87
BJM	39-89	41-78	46-82	41-72	46-79	47-68	47-68
PJ	47-94	39-84	40-83	32-74	41-77	38-73	39-80
JM	45-93	44-80	54-87	48-78	49-82	55-74	52-71
CW	48-94	43-84	35-89	30-81	33-83	33-72	37-74
CEO	39-81	30-79	46-82	41-71	45-76	46-70	44-67
RO	36-93	35-81	37-78	24-77	32-73	31-63	31-64
DP	39-93	28-79	43-83	41-75	45-77	46-69	46-65
HB	47-94	36-84	33-89	33-82	32-84	31-74	37-73
DH	39-93	26-81	39-88	35-82	37-82	42-69	37-72
PO	27-94	27-83	29-85	24-78	24-82	28-71	26-70
GMR	28-89	22-76	28-87	29-78	30-81	28-74	29-70
HC	28-93	23-83	22-91	18-80	24-82	25-72	23-71
JSH	21-93	20-82	24-88	18-78	22-83	20-78	24-73
JOR	21-93	21-82	22-91	18-80	20-84	21-76	20-77
SHG	22-93	17-82	19-92	18-80	20-84	21-76	20-74
JS	21-94	15-84	18-92	22-80	20-85	21-76	20-74
DB	11-92	12-83	12-94	12-78	11-85	12-78	12-76
RW2	9-93	8-80	14-93	11-78	13-85	14-77	13-75
SL5	15-94	12-84	12-94	11-82	11-87	10-79	11-78
RLY	9-94	9-84	10-93	6-80	9-83	11-77	10-77
EF5	9-94	8-84	8-96	6-81	6-87	7-80	8-79
CRV	7-94	5-84	6-95	6-82	6-89	7-80	7-78
PE	2-93	2-83	2-97	2-81	2-89	2-81	2-80
JA	2-94	2-83	2-93	2-82	2-89	2-81	2-79

	EW	WFT	PSR	JB	DW	BWB	BJM
DWB	58-61	58-56	60-71	60-58	59-50	30-30	55-44
BJM	46-62	47-52	48-74	47-58	43-53	44-55	24-24
PJ	42-61	40-54	54-76	39-56	39-54	48-60	50-47
JM	54-66	53-60	58-69	55-63	61-58	43-60	53-47
CW	41-61	40-58	55-74	38-61	36-67	50-60	48-48
CEO	45-61	41-57	47-74	45-58	44-54	38-58	42-47
RO	38-56	34-51	40-77	35-52	32-50	38-58	34-47
DF	45-63	44-58	47-76	47-60	44-55	38-58	41-47
HB	41-63	41-58	46-78	39-57	41-58	43-60	46-48
DH	43-66	41-61	47-76	46-61	44-57	36-59	41-46
PO	27-84	27-58	33-77	28-59	27-55	27-60	32-47
GMR	29-69	29-60	30-78	30-64	30-58	28-55	27-42
HC	27-62	23-58	32-79	27-59	23-57	26-60	28-48
JSH	22-67	22-57	22-82	22-63	20-56	22-57	21-46
JOR	25-67	20-59	26-79	23-83	24-65	23-59	25-47
SHG	20-67	23-60	24-80	22-83	22-59	20-60	21-48
JS	24-69	23-60	24-81	24-84	23-59	21-60	19-46
DB	12-68	12-58	12-85	12-64	12-67	12-59	11-46
RW2	13-67	13-60	14-85	13-64	12-66	8-59	12-48
SL5	13-69	14-60	15-84	12-65	12-60	13-60	14-48
RLY	11-68	11-58	12-84	10-65	8-60	10-60	9-47
EF5	7-70	7-62	12-84	8-66	9-60	10-60	10-48
CRV	7-70	7-62	8-86	7-87	7-59	7-59	6-47
PE	2-71	2-61	2-88	2-87	2-59	2-60	2-47
JA	2-72	2-62	2-87	2-87	2-60	2-59	2-47

	PJ	JM	CW	CEO	RO	DF	HB
BWB	60- 48	60- 43	60- 50	58- 38	58- 38	58- 38	60- 43
EJM	47- 50	47- 53	48- 48	47- 42	47- 34	47- 41	48- 46
PJ	28- 28	47- 58	51- 41	47- 46	44- 34	49- 48	47- 44
JM	58- 47	30- 30	60- 50	50- 47	55- 40	52- 47	59- 45
CW	41- 51	50- 60	28- 28	49- 48	40- 38	50- 48	45- 44
CEO	48- 47	47- 50	48- 49	24- 24	48- 38	40- 33	48- 41
RO	34- 44	40- 55	38- 40	38- 48	20- 20	39- 48	38- 44
DF	48- 40	47- 52	48- 50	33- 40	48- 39	24- 24	48- 41
HB	44- 47	45- 59	44- 45	41- 48	44- 38	41- 48	27- 27
SHG	47- 49	42- 58	48- 50	29- 47	47- 40	27- 43	47- 41
PC	30- 50	30- 59	31- 46	31- 48	26- 38	31- 48	31- 46
GMR	30- 53	30- 55	30- 54	27- 39	29- 40	27- 36	30- 46
HC	27- 40	29- 58	30- 46	27- 47	25- 35	27- 48	30- 44
JSH	22- 51	22- 54	21- 51	21- 45	22- 36	21- 46	22- 49
JCR	26- 47	25- 58	26- 50	24- 48	23- 38	26- 45	26- 50
SHG	22- 54	22- 59	23- 51	19- 47	22- 39	19- 46	23- 48
JS	24- 54	21- 56	24- 53	18- 46	22- 39	17- 44	23- 49
DB	12- 52	12- 56	12- 54	12- 46	12- 37	12- 48	12- 53
RW2	14- 53	13- 57	14- 53	13- 46	13- 40	12- 45	14- 50
SLS	12- 54	14- 60	11- 53	13- 48	12- 39	14- 48	12- 50
RLY	11- 53	11- 59	11- 61	11- 48	9- 38	11- 48	12- 50
EFS	10- 53	8- 80	9- 54	10- 48	10- 40	10- 48	11- 52
CRV	8- 55	7- 58	8- 56	7- 48	8- 40	6- 47	8- 53
PE	2- 56	2- 60	2- 58	2- 48	2- 40	2- 48	2- 54
JA	2- 56	2- 59	2- 56	2- 47	2- 40	2- 47	2- 53

	DH	PC	GMR	HC	JSH	JCR	SHG
BWB	59- 36	60- 27	55- 28	60- 26	57- 22	59- 23	60- 20
EJM	48- 41	47- 32	42- 27	48- 28	46- 21	47- 26	48- 21
PJ	49- 47	50- 30	53- 30	49- 27	51- 22	47- 26	54- 22
JM	58- 42	59- 30	55- 30	58- 29	54- 22	58- 25	59- 22
CW	50- 48	48- 31	54- 30	48- 30	51- 21	50- 26	51- 23
CEO	47- 29	48- 31	39- 27	47- 27	45- 21	48- 24	47- 19
RO	40- 47	38- 26	40- 29	35- 25	38- 22	38- 23	39- 22
DF	43- 27	48- 31	36- 27	48- 27	46- 21	45- 26	48- 19
HB	41- 47	46- 31	48- 30	44- 30	49- 22	50- 26	48- 23
SHG	24- 47	47- 32	35- 49	45- 30	45- 27	44- 27	44- 22
PC	32- 47	17- 17	33- 30	30- 29	31- 22	31- 24	31- 22
GMR	29- 35	30- 33	15- 15	30- 29	29- 21	29- 25	29- 22
HC	30- 45	29- 30	29- 30	16- 16	30- 22	27- 27	30- 21
JSH	22- 45	22- 31	21- 29	22- 30	11- 11	22- 26	22- 23
JCR	27- 44	24- 31	25- 29	27- 27	26- 22	14- 14	26- 24
SHG	22- 44	22- 31	22- 29	21- 30	23- 22	24- 26	12- 12
JS	20- 40	23- 32	18- 27	23- 30	21- 22	22- 27	22- 24
DB	12- 48	12- 33	12- 30	12- 30	12- 22	12- 27	12- 24
RW2	14- 44	14- 31	13- 30	13- 30	14- 22	14- 27	14- 23
SLS	14- 47	14- 34	14- 30	12- 32	14- 21	14- 28	15- 24
RLY	11- 48	11- 33	11- 30	11- 30	12- 22	11- 27	10- 22
EFS	10- 48	11- 34	12- 30	10- 32	12- 22	9- 27	11- 23
CRV	6- 46	8- 34	7- 29	8- 32	8- 22	6- 28	8- 24
PE	2- 48	2- 34	2- 30	2- 32	2- 22	2- 28	2- 24
JA	2- 47	2- 34	1- 30	2- 32	2- 22	2- 28	2- 24

	JS	DB	RW2	SLS	RLY	EFS	CRV
BWB	60- 21	59- 12	59- 8	60- 13	60- 10	60- 10	59- 7
EJM	48- 19	46- 11	48- 12	48- 14	47- 9	48- 10	47- 6
PJ	54- 24	52- 12	53- 14	54- 12	53- 11	53- 10	55- 8
JM	56- 21	56- 12	57- 13	60- 14	59- 11	60- 8	58- 7
CW	53- 24	54- 12	53- 14	53- 11	51- 11	54- 9	56- 8
CEO	45- 18	45- 12	46- 13	48- 13	48- 11	48- 10	48- 7
RO	39- 22	37- 12	40- 13	39- 12	38- 9	40- 10	40- 8
DF	44- 17	49- 12	45- 12	48- 14	48- 11	48- 10	47- 6
HB	49- 23	53- 12	50- 14	50- 12	50- 12	52- 11	53- 8
DH	40- 20	48- 12	44- 14	47- 14	48- 11	48- 10	46- 6
PC	32- 23	33- 12	31- 14	34- 14	33- 11	34- 11	34- 8
GMR	27- 18	30- 12	30- 13	30- 14	30- 11	30- 12	29- 7
HC	30- 23	30- 12	30- 13	32- 12	30- 11	32- 10	32- 8
JSH	22- 21	22- 12	22- 14	21- 14	22- 12	22- 12	22- 8
JCR	27- 22	27- 12	27- 14	28- 14	27- 11	27- 9	28- 6
SHG	24- 22	24- 12	23- 14	24- 15	22- 10	23- 11	24- 8
JS	12- 12	23- 12	24- 14	23- 15	24- 12	24- 12	24- 6
DB	12- 23	6- 6	12- 14	12- 16	12- 11	12- 11	12- 8
RW2	14- 24	14- 12	7- 7	14- 16	14- 10	14- 10	14- 8
SLS	15- 23	16- 12	16- 14	8- 8	16- 12	16- 11	16- 8
RLY	12- 24	11- 12	10- 14	12- 16	6- 6	12- 10	12- 8
EFS	12- 24	11- 12	12- 14	11- 16	10- 12	6- 6	11- 7
CRV	6- 24	8- 12	8- 14	8- 16	8- 12	7- 11	4- 4
PE	2- 24	2- 12	2- 14	2- 16	2- 12	2- 12	2- 8
JA	2- 23	2- 12	2- 14	2- 15	2- 12	2- 12	2- 8

	PE	JA
BWB	60- 2	59- 2
EJM	47- 2	47- 2
PJ	55- 2	56- 2
JM	60- 2	59- 2
CW	55- 2	56- 2
CEO	48- 2	47- 2
RO	40- 2	40- 2
DF	48- 2	47- 2
HB	48- 2	53- 2
DH	48- 2	47- 2
PC	34- 2	34- 2
GMR	30- 2	30- 1
HC	32- 2	32- 2
JSH	22- 2	22- 2
JCR	28- 2	28- 2
SHG	24- 2	24- 2
JS	24- 2	23- 2
DB	12- 2	12- 2
RW2	14- 2	14- 2
SLS	16- 2	15- 2
RLY	12- 2	12- 2
EFS	12- 2	12- 2
CRV	8- 2	8- 2
PE	1- 1	2- 2
JA	2- 2	1- 1

## SUMMARY STATISTICS BY VARIETY

SUMMARY STATISTICS BY VARIETY												
		NUMBER REPORTED	AVERAGE GRADE	CC	BEST FIVE	DATE C#	RARITY	NUMBER REPORTED	AVERAGE GRADE	CC	BEST FIVE	
DATE C#	RARITY											
						1804	1	3	32	20	80-35 15- 2 35-15 60-35 60-55 50-20	60 55 40 35 35 12 8 6 4 35 20 20 20 15 60 60 50 45 45 60 55 55 50 50 45 40 40 35 30
1793	1	3	14	16	60-40		2	7	4	7		
	2	3	21	16	60-40		4	5	22	10		
	3	3	20	15	63-40		5	4	35	27		
	4	3	12	16	63-40		6	2	39	33		
							7	5	27	19		
1794	1A	3	19	18	60-40		8	1	52	29		
	1B	6	7	11	30- 8		9	2	44	29		
	2A	2	27	19	50-40		10	1	46	30		
	2B	6	8	16	40- 3		11	3	40	21		
	3A	5	17	10	55-12		12	2	44	32		
	3B	8	3	11	15- 4		13	1	62	31		
	4A	3	29	16	60-40							
	4B	8	3	11	15- 8							
	5A	4	16	17	55-25		1805	1	55	26		
	5B	8	2	28	30-10		2	6	14	8		
	6A	6	13	5	15- 8		3	5	32	9		
	6B	8	1	15	15-12		4	2	52	26		
	7	5	13	16	67-15							
	8	5	19	13	45-12		1806	1	57	30		
	9	2	35	15	63-45		2	4	31	22		
							3	6	9	5		
							4	1	52	30		
1795	1	2	33	14	65-50							
	2A	3	27	13	58-30		1807	1	62	27		
	2B	6	6	8	60- 7							
	3	5	18	9	35-12		1808	1	7	2		
	4	3	30	14	60-40			2	3	42		
	5A	3	22	18	60-40			3	1	59		
	5B	4	18	12	65-30							
	6A	2	40	16	65-40		1809	1	6	14		
	6B	6	11	7	30- 6			2	3	33		
1796	1	6	3	8	63- 7			3	1	45		
	2	4	14	10	63-35			4	3	38		
								5	1	58		
								6	1	45		
1797	1	2	42	18	63-50							
	2	3	32	15	63-30		1810	1	2	55		
	3A	3	24	12	45-25							
	3B	4	20	7	40-15		1811	1	4	33		
	3C	7	4	5	8- 1			2	3	52		
1800	1	2	59	30	67-60							
							1825	1	3	41		
								2	1	55		
1802	1	6	6	6	15- 8							
	2	3	48	11	30-20		1826	1	1	55		
								2	3	34		
1803	1	1	54	20	65-55							
	2	5	30	8	45-15		1828	1	3	47		
	3	1	46	22	65-55			2	2	52		
	4	3	32	20	60-35			3	1	51		
							1829	1	1	55		

DATE	C#	RARITY	NUMBER REPORTED	AVERAGE GRADE	CC	BEST FIVE
1831	1	6	8	40	50-30	50 50 50 40 40
1832	1	2	42	34	60-60	65 60 60 60 60
	2	1	40	37	65-60	65 65 60 60 55
	3	1	34	39	65-60	65 65 63 60 60
1833	1	1	53	42	65-60	65 65 63 60 60
1834	1	1	55	43	65-60	65 65 63 63 60
1835	1	1	52	40	65-60	65 65 60 60 60
	2	1	50	42	60-60	65 63 63 63 60
1849	1	2	51	44	60-60	63 63 60 60 60
1850	1	2	49	43	65-60	65 63 63 60 60
1851	1	1	53	43	70-60	70 65 65 64 63
1853	1	1	55	45	65-60	65 65 63 63 63
1854	1	1	53	45	65-60	65 65 63 63 60
1855	1	1	53	45	70-60	70 68 65 65 65
1856	1	1	51	45	70-60	70 65 65 63 63
1857	1	2	49	46	70-60	70 65 65 63 63

1/200 SURVEY  
AND  
DIRECTORY

MAY 1990

May 30, 1990

Dear Half Cent Collector:

By the time you receive this survey summary, most of you will have heard that Roger Cohen, author of *American Half Cents*, passed away on Saturday May 27. He was one of the first major collectors to contribute to the survey and was instrumental in encouraging others to share information about their collections. His presence at EAC meetings and his contributions to *Penny-Wise* will be sorely missed.

Here is the fifth issue of a half cent collection summary and collector directory. For newcomers to the survey, a few explanations are in order:

First, the grades entered in the survey are those entered on the survey forms with the following exceptions: a) If a coin had a split grade i.e., 10/12, the overers grade was entered; b) If a coin had no grade i.e., 1852 C-2 counterstamped, the coin was assigned a 1 and c) Coins which were assigned a sharpness grade with a qualifier like "defective planchet" or porous retain the grade reported on the form unless a net grade is also recorded.

Second, the grades for C01 (the best coin in the condition census) were supplied by Frank Wilkinson for 1793 to 1826 and Jack Robinson's *Copper Quotes* or the highest grade reported in the survey for the period 1826 to 1857. Roger Cohen has also provided valuable suggestions and information regarding the condition census.

Third, the following statistics are summarized for each collection:

V=number of varieties reported in the collection

G=sum of grades for all coins reported in the collection

V%=total varieties in the collection expressed as a percentage of the total possible, i.e. 99

XG=sum of grades, G, as a percentage of the sum of the grades for the finest known coin for each variety

SCORE=the average of V% and XG. It is used to rank the collections in the listings which begin on the first numbered page.

XCOND=the same as XG except that the sum of grades for the finest known for each variety, C01, is only calculated for varieties in the collection.

Fourth, while I've dropped the what match results from the survey summary, I would be happy to mail copies of the what matches to you on request.

Fifth, anytime I receive an update from you I will mail a copy of the two pages of the survey, which show where your collection stands in the rankings after the update. Also if you sell your collection

please let me know so that I can avoid duplicate listings. If you would like to continue receiving this survey after selling your collection, just let me know I will be happy to keep mailing them to you.

Please use the enclosed copy of the survey form to update the information on your collection. I plan mail out a revised survey summary in June 1991 with May 15, 1991 as the deadline for updates. Any and all suggestions for improving the survey or directory would be appreciated. My address and phone number are in the directory.

*Ed Mark*

Edward Masuoka  
EAC 2422



Survey Key

OCB Worst coin in condition census  
 OCT Best coin in condition census  
 GA Gary Apelian  
 JA Joshua Alper  
 AB Alan Brouard  
 DB Del Bland  
 EB Henry Bergos  
 TB Jim Braswell  
 VRB Vernon E. Brown  
 BOB Anonymous Collector  
 FRB Fred R. Borcherdt  
 JEB John E. Borhek  
 RES Richard E. Bowman  
 BC Bill Jones (Boston Coll.)  
 RC Hugh Cooper  
 JC John Cogan  
 OC Ohio Collector  
 PC Pat Cunningham  
 RC Roger Cowburn  
 AC1 Anonymous Collector  
 AC2 Anonymous Collector  
 AC3 Anonymous Collector  
 AC4 Anonymous Collector  
 ACS Die States (1800-1857)  
 ACS Anonymous Collector  
 CSC Golden State Collection  
 KSC Ken's Half Cents  
 NJC Reasonably Famous NJ Collector  
 RSC Roger Cohen Jr.  
 SBC Santa Barbara Collection  
 JB Jerry Dazara  
 MAD Michael A. Dealing (prev. list MA)  
 PE Phil Everly  
 TE Tom Hratfeld  
 WE William Wasley  
 SKS Steven K. Ellsworth  
 DF Dick Feingold  
 RLF Ronald A. Frostbauer  
 RPF Richard P. Felslaw  
 WJF William J. Froehlig  
 DG Dennis Carstang  
 TG Tim Gunn  
 WQ Wally Gilligan  
 GPC G.P. Garbe  
 MAC Max A. Gors  
 SBC Samuel H. Grose  
 DB Dan Hartsock  
 FB Fran Hanssens  
 JB Jim Harrell  
 LB Lory Hartmann  
 DH David Henderson  
 MES Mark E. Hays  
 MJH Anonymous Collector  
 OWB O.W. Huffman

WAH Reverend Wilbur A. Hardin  
 RWH Robert W. Hastings  
 RWI Anonymous Collector  
 PJ Paul Jacobson  
 REJ Ron E. Janowsky  
 JK Joe Kane  
 KK Kenneth Keller  
 RK Richard Kurts  
 SK Steve Kusko  
 CLK Clint J. Kucera  
 OPK Anonymous Collector  
 RKI Rees Kinney  
 TSK Anonymous Collector  
 JL Jon Lusk  
 PL Paul Ligor  
 JLI Jim Lambert  
 RWL Rick W. Leonard  
 SL Steve Lund  
 WL Dr. Wallace Lee  
 JM Jim Marek  
 SM Sonny Miller  
 JMI John McGrath  
 SMI S. Miller  
 CVM Chris Victor-McCawley  
 EJM Edward J. Masuoka  
 GIM Gerald I. Maas  
 KMW Kevin M. Moore  
 FJM Philip J. Moore  
 SAM Lanny Reinhardt  
 SN Steve Nolan  
 VN Van Ness  
 JLN James L. Nicholson  
 WEN William E. Nessell, M.D.  
 RO Robert O'Daughlin  
 CEO Carl E. Ostiguy  
 MP Michael Packard  
 RP Russ Post  
 WF Anonymous Collector  
 NVP Norman V. Peterson  
 WDP Anonymous Collector  
 RR Ray Rouse  
 TR Tom Reynolds  
 CAR Charles A. Roberts  
 CJR Anonymous Collector  
 EAR Anonymous Collector  
 EBR E.B. Robinson Jr.  
 GWR Gary M. Ruttenberg  
 JRJ Jules Reiver  
 JCR John C. Raine  
 JLR Julie L. Ross  
 PSR P. Scott Rubin  
 WR Wes Russell  
 ANS Antony N. Sileo  
 CS Cino Sanfilippo  
 HS Harry Salyards  
 JS Jim Swales  
 KS Ken Seachman  
 NS Neil Simons  
 EFS E.F. Swails Jr.  
 JSS John S. Schoentag, M.D.

KCS Kermit C. Smyth  
SLS Sid L. Schwartz  
ITT Anonymous Collector  
ELT Robert L. Travis  
WFT William F. Tivol  
CRT George R. Trostel  
CRV C. Richard Vitale  
CW Chuck Wilkineon  
DW Doug Wier  
EW Edward Weeke  
GW George Waingold  
PW Peter Ward  
RW1 Rod Widos  
RW2 Robert Weldon  
RW3 Ralph Witt  
DPW Donald P. Weinsapfel  
KFW Karl E. Weye Jr.  
JDW John D. Wright  
JDY J.D. Yadack  
RCY Richard C. Young  
RLY Robert L. Younglof

## SUMMARY STATISTICS BY VARIETY

## SUMMARY STATISTICS BY VARIETY

DATE	CH	RARITY	NUMBER REPORTED	AVERAGE GRADE	CC	BEST FIVE
1703	1	3	21	17	60-40	40 40 40 40 30
	2	3	28	15	60-40	55 40 35 35 25
	3	3	31	13	63-40	45 40 40 40 30
	4	3	29	13	63-40	50 40 30 30 30
1704	1A	3	34	20	60-40	50 45 45 45 45
	1B	6	11	10	30- 8	20 20 15 12 12
	2A	2	44	16	50-40	55 45 40 40 35
	2B	6	11	15	40- 3	45 40 25 20 12
	3A	5	26	9	55-12	30 25 20 20 15
	3B	8	3	11	15- 4	15 12 8
	4A	3	50	17	60-40	45 45 40 40 35
	4B	8	4	9	15- 8	15 10 8 3
	5A	4	26	16	55-25	35 30 30 30 30
	5B	8	2	23	35-10	35 12
	6A	6	22	6	15- 8	15 12 12 10 10
	6B	8	1	15	15	15
	7	5	20	14	67-15	45 40 30 20 15
	8	5	28	14	45-12	50 40 25 20 20
	9	2	50	17	63-45	50 45 45 45 40
1705	1	2	48	14	65-50	55 50 40 40 35
	2A	3	41	13	58-30	45 40 30 30 30
	2B	6	11	8	60- 7	20 20 10 8 8
	3	5	21	9	35-12	20 20 15 15 12
	4	3	45	13	60-40	50 50 60 45 35
	5A	3	38	17	60-40	50 50 45 40 35
	5B	4	12	28	65-30	30 25 25 25 20
	6A	2	64	14	65-40	60 45 40 40 35
	6B	6	15	6	30- 6	15 12 10 10 8
1706	1	6	5	6	53- 7	12 8 4 4 3
	2	4	21	9	63-35	40 20 20 20 12
1707	1	2	75	15	63-50	55 50 45 40 40
	2	3	54	12	63-30	50 35 30 30 20
	3A	3	38	11	45-25	35 30 30 25 20
	3B	4	30	8	40-15	30 20 15 15 15
	3C	7	6	5	10- 1	10 8 7 4 3
1800	1	2	103	29	67-60	65 65 63 63 60
1802	1	6	9	7	15- 8	15 10 8 8 7
	2	3	74	10	30-20	35 30 30 30 25
1803	1	1	91	21	65-55	65 55 55 55 50
	2	5	50	8	45-15	35 25 25 20 20
	3	1	79	22	65-55	60 60 60 60 60
	4	3	55	18	60-35	45 40 35 35 35

DATE	CH	RARITY	NUMBER REPORTED	AVERAGE GRADE	CC	BEST FIVE
1804	1	3	57	19	60-35	60 55 45 40 40
	2	7	5	6	15- 2	12 6 6 4 4
	4	5	38	10	35-15	45 35 20 20 15
	5	4	61	24	60-35	60 60 60 50 45
	6	2	64	29	60-55	60 55 55 55 55
	7	5	45	19	50-20	50 45 40 40 35
	8	1	85	29	65-60	65 55 55 55 50
	9	2	72	27	65-55	60 55 55 55 60
	10	1	77	31	65-55	63 63 60 60 60
	11	3	64	19	60-40	45 45 40 35 35
	12	2	75	29	65-55	63 63 62 60 60
	13	1	101	31	63-60	65 63 60 60 60
1805	1	1	93	26	63-60	62 60 60 60 55
	2	6	19	9	35-10	30 15 15 12 12
	3	5	48	9	35-15	30 25 25 20 20
	4	2	92	26	65-60	62 60 55 55 50
1806	1	1	104	32	67-60	63 60 60 60 60
	2	4	50	19	60-50	55 55 50 50 45
	3	6	11	5	15- 7	10 8 8 7 5
	4	1	87	30	67-60	65 65 63 60 60
1807	1	2	106	26	63-60	63 60 55 50 50
1808	1	7	3	6	30- 3	8 8 4
	2	3	75	15	63-30	55 45 40 40 40
	3	1	98	23	60-60	65 60 60 55 55
1809	1	6	22	10	35-10	35 30 25 25 20
	2	3	59	18	63-60	60 45 45 40 40
	3	1	76	34	65-60	65 63 63 60 60
	4	3	68	24	65-60	63 60 60 55 50
	5	1	95	34	65-80	65 55 55 55 55
	6	1	84	35	65-60	60 60 60 60 60
1810	1	2	94	27	65-60	60 50 58 58 55
1811	1	4	52	14	67-60	45 45 45 40 35
	2	3	87	15	63-40	50 50 50 40 40
1825	1	3	71	31	65-50	65 62 60 58 55
	2	1	93	37	67-80	63 63 63 60 60
1826	1	1	92	39	65-80	65 65 65 60 60
	2	3	55	34	60-50	60 55 55 55 50
1828	1	3	82	38	65-40	60 60 60 60 60
	2	2	93	35	65-80	65 63 60 60 58
	3	1	90	42	65-80	65 63 63 63 63

## SUMMARY STATISTICS BY VARIETY

<u>DATE</u>	<u>C</u>	<u>RARITY</u>	<u>NUMBER REPORTED</u>	<u>AVERAGE GRADE</u>	<u>QC</u>	<u>BEST FIVE</u>
1829	1	1	96	37	65-80	66 65 65 63 60
1831	1	6	9	38	50-30	55 50 50 40 40
1832	1	2	71	38	80-80	65 65 60 60 60
	2	1	71	36	65-80	65 65 63 63 60
	3	1	66	40	65-60	65 65 63 60 60
1833	1	1	97	43	65-60	65 65 65 65 65
1834	1	1	106	42	65-60	65 65 65 65 63
1835	1	1	92	42	65-60	65 65 65 63 60
	2	1	68	43	80-80	65 65 63 63 63
1849	1	2	91	44	63-60	65 63 63 60 60
1850	1	2	90	44	65-60	65 63 63 63 63
1851	1	1	97	45	70-80	70 65 65 65 64
1863	1	1	96	47	65-60	65 65 63 63 63
1864	1	1	96	46	65-60	65 65 65 65 63
1865	1	1	97	47	70-60	70 68 65 65 65
1866	1	1	89	45	70-60	70 65 65 63 63
1867	1	2	88	47	70-60	70 65 65 65 64

## HALF CENT COLLECTIONS

PAGE 1

VARIETY	CCT	RSC	OCB	WL	JR2	RWL	JL	OC	AO2	NJC	SAM	FHB
1793	1	60	40	40	12	40	20	40	30		15	4
	2	60	36	40	25	12	20	20	12	40	6	8
	3	63	20	40	45	15	12	20	40	15		5
	4	63	60	40	40	15	15	20	30		3	6
1794	1A	60	35	40	45	30	30	45	20	8	10	50
	1B	30	20	8	7		3		12			
	2A	60	40	40	26	55	30	12	25	15	30	4
	2B	40	25	3	40	3			6			
	3A	55	20	12	20	8	10	8	12	30	15	10
	3B	15	6	4								
	4A	60	45	40	35	20	20	20	40	30	10	20
	4B	16	10	8								
	5A	55	30	26	25	15	25	30	20	30	12	25
	5B	35	35	10								
	6A	15	15	8	4	4	12	8	10	10	6	4
	6B	15	15									
	7	67	40	15	12	4	8	5	10	15	15	30
	8	45	15	12	12	16	20	8	20	20	10	50
	9	63	50	45	45	20	15	30	30	10	6	20
1795	1	65	30	50	40	20	50	5	35	20	10	20
	2A	58	40	30	45	20	6	15	10		15	20
	2B	60	20	7		7	3	8	7	4		
	3	35	15	12	4	6	20	8	8	6	15	
	4	60	50	40	20	35	12	15	10	20	45	
	5A	60	35	40	35	50	20	12	12	15	12	15
	5B	65	20	30	25	25	5	12	10	8	15	50
	6A	55	40	50	60	30	20	45	20	8	20	
	6B	30	15	6	6		10	3	6	8	10	4
1796	1	63	8	7								
	2	63	4	35	40	3	6	12	8	20		3
	3	65	50	40	25	30	60	35	15	12	30	35
	2	63	35	30	30	30	20	12	25	20	15	10
	3A	45	35	25	25	3	10	12	4	15	10	6
	3B	40	15	15	12	20	12	5	8	15	3	5
	3C	10	10	1								
1800	1	67	65	60	63	50	60	50	40	40	25	30
1802	1	15	6	8	4	15	7	8	8	10		
	2	30	30	20	25	12	12	8	10	8	12	25
1803	1	65	45	55	45	55	20	30	50	15	20	30
	2	45	25	15	35	10	8	20	7	5	8	7
	3	65	60	55	55	55	30	25	30	60	30	60
	4	60	45	35	40	30	12	35	25	10	25	35
1804	1	60	55	35	30	20	25	20	40	35	20	8
	2	2	4									
	4	35	15	15	20	10	15	20	12	12	3	10
	5	60	60	35	40	40	30	12	60	20	40	25
	6	60	60	55	50	50	40	55	20	25	40	40
	7	45	25	15	25	15	12	20	30	15	30	10
	8	65	55	60	55	40	30	40	30	25	40	40
	9	65	55	55	60	40	45	35	25	30	20	40
	10	65	60	55	63	40	40	40	25	55	40	60
	11	60	40	40	35	30	20	30	15	30	30	30
	12	65	60	55	63	55	65	40	45	60	30	30
	13	63	65	60	63	65	35	45	20	25	40	30

## HALF CENT COLLECTIONS

PAGE 2

VARIETY	CCT	RSC	OCB	WL	JR2	RWL	JL	OC	AO2	NJC	SAM	FHB
1805	1	63	60	60	55	50	50	20	35	15	5	30
	2	35	15	10	4	8	12	3	6	15	3	10
	3	35	25	15	8	20	7	12	8	8	15	10
	4	65	60	50	50	50	55	45	45	30	25	40
1806	1	67	60	60	63	60	50	60	60	30	40	50
	2	60	45	60	55	40	25	20	40	8	25	30
	3	15	8	7	4	10	5	3	7	3		
	4	67	65	60	65	60	65	60	35	45	45	30
1807	1	60	55	60	63	50	50	30	45	40	30	40
1808	1	30	4	3								
	2	63	40	30	25	30	26	40	15	10	15	15
	3	60	60	60	65	15	55	25	50	12	12	25
1809	1	35	35	10	25	25	7	8	10			
	2	63	40	60	45	30	20	12	40	8	30	35
	3	65	65	60	63	60	55	40	35	55	55	45
	4	65	60	60	63	60	30	30	30	50	45	20
	5	65	65	60	55	45	35	45	15	50	45	50
	6	65	60	60	60	60	55	50	15	30	55	30
1810	1	65	60	60	58	40	50	40	50	20	25	45
1811	1	67	45	50	40	45	35	12	35	45	12	15
	2	63	40	40	50	50	10	20	15	30	20	5
1825	1	65	65	58	55	60	25	45	55	55	30	55
	2	67	60	60	63	60	55	40	45	60	50	50
1826	1	65	65	60	65	65	60	50	50	55	55	30
	2	60	55	50	45	45	45	60	45	40	45	30
1828	1	65	60	60	60	60	40	50	40	55	55	60
	2	65	60	60	65	50	50	50	45	40	40	60
	3	65	65	60	63	60	60	50	50	55	60	50
1829	1	65	65	60	65	55	55	50	45	60	50	50
1831	1	60	40	30	50	50	25	30	55	20		
1832	1	60	60	60	65	65	60	60	12	60	50	35
	2	65	65	60	65	60	40	30	35	25	40	35
	3	65	65	60	65	60	45	50	50	20	55	35
1833	1	65	65	60	65	65	60	60	30	65	55	55
1834	1	65	65	60	65	65	60	60	40	45	40	35
1835	1	65	65	60	65	65	60	60	40	40	40	40
	2	60	60	60	63	60	63	60	35	50	50	45
1849	1	63	60	60	63	60	60	60	50	50	40	65
1850	1	65	65	60	63	60	63	60	50	40	60	50
1851	1	70	70	60	63	65	55	60	40	45	65	60
1853	1	65	65	60	65	60	60	60	63	40	65	60
1854	1	65	65	60	65	63	60	65	55	50	50	63
1856	1	70	70	60	65	60	63	60	45	40	40	55
1856	1	70	70	60	65	60	63	50	50	40	40	65
1857	1	70	70	60	65	65	55	60	50	45	40	65

TOTAL V	99	99	98	91	87	90	90	89	89	83	84	73
TOTAL G	5444	4302	3878	3079	3360	3067	2755	2682	2642	2384	2279	2852
% V	100	100	99	92	88	91	91	90	90	84	85	74
% G	100	70	71	73	62	66	61	49	49	44	42	52
SCORE	100	90	85	83	75	74	71	70	69	64	63	63
% COND	100	70	71	77	66	59	53	52	51	49	46	64

TOTAL V=TOTAL VARIETIES

TOTAL G=SUM OF GRADES

% V=(TOTAL VARIETIES/99)\*100

% G=(TOTAL G)/(TOTAL G FOR CCT)\*100

SCORE=(%V+%G)/2 %C=(TOTAL G)/(SUM OF CCT FOR MATCHING VARIETIES)\*100



HALF CENT COLLECTIONS											PAGE 3	
VARIETY	SKE	MP	GIM	JO	GW	WG	KHW	GS	KK	WEN	AB	RR
1793	1	12	2	10	8	10			6			12
2		6				7						
3		2	6	20	5			8	4			
4	30	16	12		3			8	3	8		
1794	1A	7	6	30	16	16		4	15	12	12	30
1B						3						12
2A		5	15	10	10	15	12		8	15	8	7
2B												30
3A	8	8	10	2	6	3	8		3	5	10	
3B												
4A	20	4	25	12	8	12			7	10	8	15
4B												35
5A		3	15	12	12	6			12	8	8	
5B												
6A		2	6	3	8	3			7	3		
6B												
7			12	3	8				3		8	
8			25	15	6	6	2		8	15	8	
9	20	3	4	40	8	8	6	12	12	20	8	
1795	1	12	3	6	20	15	8	20	12	5	8	20
2A	5	4	12	12	6	6	20	8	8	8	10	
2B												
3		7				4	4					
4	8	10	6	50	6	8	20	12	4	12	8	10
5A	4	12	15	20	10	10	20	10	10	8	12	12
5B	8	8	25	8	10			4	15	8	15	
6A	12	12	15	25	10	15	35	12	8	15	20	12
6B		3							7			
1796	1											
2	20		10	2			6					
1797	1	40	30	20	12	8	12	20	20	5	8	25
2	7	3	10	15	8	12	8	6	8	10	10	30
3A	12	10	10	8	8	5	6		4	10	20	10
3B	4	2			3	4	16	3	8	8		
3C									3			
1800	1	50	55	40	40	10	50	30	20	25	45	40
1802	1											
2	5	8	10	20	4	5	15	8	4	8	12	12
1803	1	12	25	25	30	8	35	40	12	12	30	12
2	3	12	30	60	15	8	12	8	20	20	10	
3	12	45	30	30	50	40	35	30	8	20	30	25
4	20	30	12	30	6	10		30	15	20	25	25
1804	1	25	30	10	20	10	15	45	8	12	15	20
2												
4		5	6	7	8	8		6	4	8	8	7
5	10	15	15	35	35	20	25	40	12	25	30	15
6	55	35	35	35	15	30	55	35	12	25	35	35
7	30	60	60	15	8	12	12	8	20	20	10	
8	40	30	45	20	15	45	35	15	30	20	25	30
9	55	30	25	25	60	20	35	20	8	25	20	35
10	35	65	63	12	15	45	15	30	40	55	35	60
11	10	35	12	15	20	20	35	25	8	25	20	12
12	60	45	10	40	30	28	50	40	20	30	20	25
13	50	50	35	45	40	45	40	40	30	35	20	45

HALF CENT COLLECTIONS											PAGE 4	
VARIETY	SKE	MP	GIM	JO	GW	WG	KHW	GS	KK	WEN	AB	RR
1805	1	20	45	12	45	15	30	50	20	3	55	40
2										10	12	3
3		12	5	10	12	6	10	8	8	12	10	12
4	60	35	15	40	40	30	40	45	20	15	20	12
1806	1	40	40	30	30	40	25	55	35	20	50	45
2	45	25	5	50	8	8	40	12	8	12	7	20
3												
4	60	40	12	50	35	55	55	40	10	20	50	12
1807	1	20	40	35	20	40	35	40	30	20	25	25
1808	2											
3	30	15	12	8	10	8	35	12	8	12	30	35
4	60	35	25	40	35	25	45	30	25	35	35	25
1809	1		6	4	4				7	1		
2	30	50	15	30	35	12			12	10	12	25
3	55	60	40	30	40	55	45	30	20	12	50	30
4	20	35	20	35	15	20	45	15	30	12	40	25
5	55	35	35	30	35	40	50	45	40	12	40	50
6	45	40	45	12	60	40	20	35	35	40	40	20
1810	1	45	45	30	40	55	30	55	12	40	25	40
1811	1	12	8	15	15	8	12	12	12	15	8	7
2	20	12	12	20	8	30	50	15	8	8	25	12
1825	1	35	30	40	40	30	30	55	30	25	30	45
2	40	50	45	40	30	40	60	40	35	30	25	40
1826	1	55	60	45	35	45	45	60	55	45	25	50
2	30	45	40	40	35	15	20	30	45	20	35	40
1828	1	40	50	35	50	55	50	60	40	40	50	40
2	40	30	50	45	45	45	60	60	35	45	25	50
3	63	55	65	60	40	60	60	60	45	45	50	30
1829	1	55	55	65	20	40	55	60	40	25	50	30
1831	1	40										
1832	1	40	60	55	40	55	40	55	35	40	45	25
2	60	50	63	40	45	50	60	45	45	45	55	35
3	63	60	35	50	40	40	60	45	35	45	35	40
1833	1	60	60	45	50	45	60	55	50	35	40	50
1834	1	63	60	45	60	40	45	60	60	40	25	50
1835	1	60	55	45	55	35	60	40	63	45	40	50
2	60	50	45	60	40	60	60	60	45	25	40	45
1849	1	45	60	60	35	45	50	60	45	40	55	45
1850	1	55	40	40	55	40	55	60	60	40	45	40
1851	1	60	50	50	50	40	60	60	60	40	45	25
1853	1	60	60	63	40	45	50	60	50	50	45	55
1854	1	60	55	40	60	45	60	60	60	40	30	55
1855	1	65	50	40	60	40	60	60	60	40	30	55
1856	1	60	50	45	40	45	60	60	45	50	30	55
1857	1	63	45	60	45	40	60	60	60	30	40	60

TOTAL V | 76 79 81 78 83 76 68 75 82 77 72 70  
TOTAL C | 2563 2391 2103 2337 1970 2187 2581 2131 1691 1807 2060 2162  
% V | 77 80 82 79 84 77 69 76 83 78 73 71  
% C | 47 45 40 43 40 47 39 47 39 31 33 38 40  
SCORE | 62 62 61 61 60 58 58 57 57 55 55 55  
% COND | 55 51 45 50 40 48 62 47 35 39 47 51

TOTAL V=TOTAL VARIETIES TOTAL C=SUM OF GRADES  
% V=(TOTAL VARIETIES/99)\*100 % C=(TOTAL C)/(TOTAL C FOR CC1)\*100  
SCORES=(%V+%C)/2 %C=(TOTAL C)/(SUM OF CC1 FOR MATCHING VARIETIES)\*100

## HALF CENT COLLECTIONS

PAGE 5

VARIETY	JK	MJH	MEH	ANS	MA	AC5	PW	GPG	KHC	OPK	JSS	RMH
1793	1	15									12	
2	1	3			20			20				4
3	1		5				40	30		15		
4	6								8	15		3
1794	1A	8	1		4			30				
1B												
2A	3	20		8			35	30		12	12	4
2B											5	
3A	4	2										
3B												
4A	6	5	8		35					20		7
4B												
5A	3	5										
5B												
6A	3											
6B												
7	15											
8	20	8										
9	8	5	5		30						8	
1795	1	3	5	12	30		40	8	30	6		4
2A	4	5	10		15		8	20				4
2B	3											
3	8	10		10								
4	8	6	7				12	12	12	4		10
5A	6	3	8				30	45				4
5B	4	8										
6A	12	8	12	15	3			15	12	12		4
6B												
1796	1											
2	3							4				
1797	1	3	8	20	12		45	30	10	3	12	7
2	4	8	15	8	4		20		3	15		12
3A	4	8					12	12				
3B	3	3		3								
3C	3											
1800	1	12	40	45	50	45	60	55	55	40	30	45
1802	1	4										
2	12	5	8	6	10	7	4	15	8	15	8	4
1803	1	20	30	7	15	12	40	55	45	30	20	8
2	8	5	4	8	4	2						8
3	12	20	25	15	10	60		12	25	20	7	
4	10	15	12	8					8	12		15
1804	1	12	15	15	12	25	35					
2												
3	4	8	3	1			8					
4	12	12	25	45	40	20			12			
5	20	15	35	60	30	40		45	15	15	8	12
7	8	12	12	35	20							
8	20	40	50	45	25	40	45		30	25	15	30
9	40	15	50	40	55	40			40			
10	12	30	15	45	40	55			40	40	50	40
11	20	15	20	35	45			8			12	
12	8	30	20	45	20	20	50	40		20	40	4
13	20	20	50	45	50	50	50	50	40	45	40	50

## HALF CENT COLLECTIONS

PAGE 6

VARIETY	JK	MJH	MEH	ANS	MA	AC5	PW	GPG	KHC	OPK	JSS	RMH
1805	1	20	20	20	15	35	55	60	60	12	25	40
2	12											
3	4	4	4	3	6	15	12					
4	12	45	20	8	35	50	20	45	45	6	40	12
1806	1	12	20	40	50	8	35	55		40	45	20
2	8	4	8	15	10			8	10			
3	3	5										
4	20	45		30	30	55	50	60	30	50	40	12
1807	1	20	20	30	15	20	45	20	40	30	30	40
1808	1	12	8	12	15	20	45	20	30	12	5	8
2	12	8	12	25	35	20	40	50	8	30	8	35
3	4	3	8									
1809	1	12	20	20	12	12	8		25	8		30
2	12	45	15	35		50	40		45	35	8	55
3	12	45	15	35		50	40		45	35	8	55
4	12	12	20	15	12	45	8	55	20	35	40	30
5	50	20	35	55	45	55	40	55	40	40	40	45
6	12	20	40	55	45	40	60	45	40	40	40	50
1810	1	8	20	35	35	12	45	50	55	30	7	4
1811	1	4	8	10	5	10		30				
2	4	8	10	5	10			30				
1825	1	12	15	50	35	5	40		25	60	40	12
2	12	30	60	50	40	50	40	60	45	45	20	50
1826	1	20	45	55	45	55	50	55	60	45	50	45
2	20	20	30	30	40	55	40		45	35		20
1828	1	12	30	45	45	40	50	60	45	35	50	55
2	20	12	25	35	50	50	40	45	40	20	30	50
3	20	40	50	50	50	50	30	60	40	63	40	50
1829	1	20	35	50	55	40	50	40	60	45	45	30
1831	1											
1832	1	12	12	12	45	40	55	40	55	60	40	45
2	12	12	60	45	30	55	40	45	20	35	30	30
3	12	12	55	50	60	55	40		35	45	50	50
1833	1	12	40	50	55	50	60	63	60	62	45	60
1834	1	12	20	45	45	50	55	40	55	45	50	45
1835	1	20	30	55	50	50	60	55	50	45	40	55
2	12	50	50	45	50	50	40	60	50	45	55	50
1849	1	12	35	60	45	45	60	40	45	60	45	40
1850	1	20	45	55	55	45	55	55	60	40	35	40
1851	1	20	45	40	55	40	55	55	60	45	50	45
1853	1	20	45	60	55	55	55	50	60	50	50	55
1854	1	20	45	60	45	45	60	63	55	58	63	50
1855	1	20	45	50	50	40	60	55	65	50	40	50
1856	1	40	20	55	45	40	50	50	60	45	45	30
1857	1	40	45	50	50	40	60	45	60	64	60	63
TOTAL V	88	77	67	61	63	53	54	52	57	57	57	56
TOTAL G	1085	1499	1971	2007	1876	2382	2098	2199	1842	1787	1696	1732
% V	89	78	68	62	64	54	55	53	58	58	57	57
% G	20	28	36	37	34	43	39	40	34	33	31	32
SCORE	54	53	52	49	48	47	48	46	45	44	44	44
% COND	21	32	48	53	48	72	62	67	61	50	48	49

TOTAL V=TOTAL VARIETIES TOTAL G=SUM OF GRADES

% V=(TOTAL VARIETIES/60)\*100 % G=(TOTAL G)/(TOTAL G FOR CCI)\*100

SCORE=(%V+%G)/2 %C=(TOTAL G)/(SUM OF CCI FOR MATCHING VARIETIES)\*100

HALF CENT COLLECTIONS													PAGE 7
VARIETY	GRT	PH	TR	WE	BWI	KCS	REJ	WJP	JD	GSO	SK	VN	
1793	1												
2													
3				12		5		4 25		55		8	
4									4	40			
1794	1A									10		4	
1B						5				12			
2A										12			
2B						3	3			25			
3A										40			
3B										45		20	
4A										26			
4B										15			
5A										45			
5B										12			
6A										45			
6B										20			
7										45			
8										3		4	
9										40		8	
1795	1												
2A										10		16	
2B										8		8	
3										5			
4										8			
5A										4		6	
5B										10			
6A										16		6	
6B										16		4	
1796	1												
2										12			
3													
4													
5A													
5B													
6A													
6B													
1797	1												
2													
3A													
3B													
3C													
1800	1												
1802	1												
2													
3													
1803	1												
2													
3													
4													
1804	1												
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													

HALF CENT COLLECTIONS													PAGE 8
VARIETY	GRT	PH	TR	WE	BWI	KCS	REJ	WJP	JD	GSO	SK	VN	
1805	1												
2													
3													
4													
1806	1												
2													
3													
4													
1807	1												
1808	1												
2													
3													
1809	1												
2													
3													
4													
5													
6													
1810	1												
1811	1												
2													
1825	1												
2													
1826	1												
2													
1828	1												
2													
3													
1829	1												
1831	1												
1832	1												
2													
3													
1833	1												
1834	1												
1835	1												
2													
1849	1												
1850	1												
1851	1												
1853	1												
1854	1												
1855	1												
1856	1												
1857	1												
TOTAL V	54	80	40	56	61	61	54	56	50	44	58	47	
TOTAL G	1806	1389	1953	1479	1190	1199	1484	1356	1187	1899	1057	1453	
% V	55	61	49	57	62	62	55	57	60	44	59	47	
% G	33	25	36	27	22	22	27	25	21	35	19	27	
SCORE	44	43	43	42	42	42	41	41	40	40	30	37	
% COND	54	37	63	45	32	31	43	69	31	63	29	52	

TOTAL V=TOTAL VARIETIES  
 % V=(TOTAL\_V)/(TOTAL\_G)\*100  
 SCORE=(V-VG)/2  
 % COND=(SUM\_OF\_COND)/(SUM\_OF\_COND\_FOR\_MATCHING\_VARIETIES)\*100

VARIETY	DPW	CAR	DO	RW3	WAH	JB	BC	JH	SL	RW1	WP	AC6
1793	1								10	6		
	2					20			12	35		
	3							8	20			
	4											
1794	1A									15		
	1B											
	2A		20					12	25			
	2B									6		
	3A								5			
	3B											
	4A				4					12	20	
	4B									3		
	5A								30			4
	5B											
	6A								4	1		
	6B											
	7								10			
	8			8					10			
	9						6	3		25		
1796	1		12			12					25	
	2A		12		15							
	2B									20		
	3							4	10	3		
	4		4						12	15		
	5A									30	10	
	5B									8		
	6A										25	
	6B		12		12	6						
1798	1											
	2								4	4		
1797	1		8		12	4		35		8	20	
	2	4			3	6	3		4	30	10	
	3A		12							20	30	4
	3B		4							10		
	3C											
1800	1		8	40	15	8	40	12	50	30		40 25 45
1802	1								4			
	2					30		20	8	20	4	12 30
1803	1		6	20	8	40	35	4	55		15	15 12
	2					5	10		4		5	
	3		6	8	4			20			25	45
	4		6		12			20				
1804	1		10		20				35		25	
	2										6	
	4						6		6	15		
	6	30	40			6	20	40		25	20	
	8	20	40	8			15	40	20	60		
	7	20		20				30		10	15	
	8	80	20		15	30	20				35	25
	9	12		12	30	20	12	35				30
	10	8		12	6		4	40			10	45
	11	8	20	12			6	25		20		
	12	8	40	12				10	60		40	25 15
	13	30	40	12	25	25	15	55	20		50	40 40

VARIETY	DPW	CAR	DO	RW3	WAH	JB	BC	JH	SL	RW1	WP	AC6
1805	1		12	8	10	25	20	4	40	30		35
	2								8			
	3			12					10		15	
	4		20	40	15	15	20	12	12	20		25 8
1806	1		30	40	12	20	50	25	50	40		40 45 40
	2			8					50		20	15
	3											
	4		10	12	12	16		3	60	20		30 30 30
1807	1		20	20	20	20	20	30	40	20	50	50 30 30
1808	1											
	2		15	12		15	6	4	25	8	25	40 25 3
	3		25	12	12	12	12	12	30	12	50	15 25 40
1809	1										8	6
	2		12		12	4		3	30		8	30
	3		40	20	12	12	35	10			60	20 40
	4		30	8	12	16	12	8	30		12	50 15
	5		20	50	45	12	20	30	30	20		55 30 50
	6		20		12	35	35	25	40	55		45 45
1810	1		8	20	16	35	20	30	40	12	50	50 15 20
1811	1					4		10	25		35	8
	2		6	12	12	12	10	15	35	20	25	35 6 40
1825	1		20			35	12	20				40 15
	2		15	50	35	8	40	4	40	50	58	50 45 30
1826	1		40	40	40	20	50	40		20	55	60 45
	2		30					45		20		50
1828	1		30			40	30	15	4		50	55 45
	2		20	40		40	35	25	25	45	40	45 8 40
	3		25	50	40	12	50	20		40		45 40
1829	1		30	20	45	40	35	20		40	45	55 25 35
1831	1										40	
1832	1		12			40	15		40		20	60
	2		25	40	40	16	45	35		40		50 35
	3		15			40	45	35	25	45		50
1833	1		20	50	35	50	50	25		50		60 45
1834	1		20	40	40	40	50	40		50		60 50
1835	1		25			40	30	50	40	60	40	45 50
	2		40	50	30	15	50	25		40		
1849	1		30	40	45	45	50	40		50		45 40
1850	1		20	50	45	45	55	45		40	55	55 35
1851	1		55	50	45	55	50	12		50		45 55
1853	1		20	40	45	45	50	45	50	45		45 50
1854	1		40	50	45	45	50	35		50		45 58
1855	1		35	50	45	50	50	35		50		45 50
1856	1		35	40	45	55	40	20		40		60 40
1857	1		30	50		55	58	50	58	50		45 55

TOTAL V	53	47	49	49	45	51	42	45	47	47	41	40
TOTAL G	1105	1388	1229	1185	1390	1043	1504	1335	1188	1164	1415	1458
% V	54	47	49	49	45	52	42	45	47	47	41	40
% G	20	26	23	22	26	19	28	25	22	21	26	27
SCORE	37	36	38	36	36	35	35	35	36	34	34	34
% COND	33	48	40	38	48	32	50	47	46	45	54	57

TOTAL V=TOTAL VARIETIES TOTAL G=SUM OF GRADES  
 % V=(TOTAL VARIETIES/99)\*100 % G=(TOTAL G)/(TOTAL G FOR CC1)\*100  
 SCORE=(%V+%G)/2 %C=(TOTAL\_G)/(SUM OF CC1 FOR WATCHING VARIETIES)\*100

HALF CENT COLLECTIONS

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VARIETY	ITT	JM1	CW	RC	WR	RP	SN	PJM	REB	MAG	EJM	CJK
1703	1										8	
2												
3												
4		10	4					8			12	
1704	1A	10	15							15		
1B												
2A			30					20				
2B			12									
3A												
3B												
4A					15	8				10	30	7
4B												
5A												
5B												
6A												
6B												
7												
8												
9		10			7	5		10	25		25	
1705	1		4		6					12	15	
2A			20									
2B												
3												
4			8									
5A									12			
5B											12	
6A		10	10	15				12	8		8	35
6B												
1706	1											
2			12								4	
1707	1	15	3	3				12	8		10	12
2		10										
3A					12							
3B												
3C												
1800	1	25	20	20	4	45	6	40	12	25	8	12
1802	1											
2		15	10			10			8		8	
1803	1	30	10	30	6	25	4	12	25	20	8	40
2												
3		20	4	4		25	7	8			12	
4					6	25	4		7			
1804	1	20			20			8				
2												
4												
5		10		3		7				25	15	
6		30	3			10			10			
7			12	20						12		
8		40	20	20	20	10	20	2	20	45	25	
9		40	12	8		12	20		25	12	40	
10		40	12	12	7	6	40	35				
11										10	12	
12		10	15	30	8			12				
13		40	12	12	20	35	30	12	30	45	8	15

HALF CENT COLLECTIONS

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VARIETY	ITT	JM1	CW	RC	WR	RP	SN	PJM	REB	MAG	EJM	CJK
1805	1	40	10	8	4			10	12	15		25
2												
3												
4		40	12	4	6	30	6		20	35	15	55
1806	1	40	20	12	20		10	20	15	20	30	20
2		10					7		8			35
3												
4		40	12	20	10	40	10	20	25		10	25
1807	1	40	12	12	8	20	10	12	35	25	8	45
1808	1											
2		10	10			20	3				8	12
3		20	10	12	8	40	10	20	15	35	12	12
1809	1											
2				12	12		6				25	15
3				20	10	50	10			35		40
4		40					8				35	15
5		40	10	12	4	45	10	8	35	30	50	40
6		12	20	30	40	8	20	40	40	8	50	20
1810	1	40	12	12	4	35	6	12	45	35	30	
1811	1	20					3	10				
2		20	4		10	35	6	8		10	30	20
1825	1	40	10	12	30		10	40	12	15	12	25
2				4	12	45	12	4	40	35	55	35
1826	1	40	20	20	40	40	6	40	35	25	8	25
2								12	20	25		
1828	1	40	12	12	30		15	20	25		45	30
2		20	50	8	12	45	4	10	30	35	15	45
3											45	20
1829	1			45	12	6	35	40	20	40	35	12
1831	1											
1832	1	40		30	40		6			15	20	50
2			20	20	50	35	10	40				
3				20	45			20		35		
1833	1	40	40	20	50	15	40		35	45	12	40
1834	1	40	20	30	45	50	30	50	40	50	20	55
1835	1	40		12	50	60	50	12	35	50	30	55
2		40	20	20	60	40	50	50	40	50		45
1849	1	55	12	12	15	50	35	20	40	50	45	83
1850	1	55	50	20	20	45		40	40	45	20	50
1851	1		40	40	30	55	40	40	50	50	40	50
1853	1		20	40	40	50	45	20	50	60	25	45
1854	1		20	20	50	20	50	20	50	40		
1855	1		40	45	45	55	25	40	45	40	40	
1856	1		40	50	45	50	40	40	40	45	30	60
1857	1	55	50	20	50	50		40	45	50	40	30

TOTAL V	43	51	50	45	39	51	45	40	38	44	36	41
TOTAL G	1290	836	886	1108	1433	768	1024	1177	1252	879	1240	959
% V	43	52	51	45	39	52	45	40	38	44	36	41
% G	24	15	16	18	20	14	19	22	23	18	23	18
SCORE	34	33	33	33	33	33	32	31	31	30	30	30
% COND	48	26	28	38	58	24	36	45	51	32	54	37

TOTAL V=TOTAL VARIETIES TOTAL G=SUM OF GRADES  
 % V=(TOTAL VARIETIES/99)\*100 % G=(TOTAL G)/(TOTAL G FOR CCI)\*100  
 SCORE=(%V+%G)/2 %C=(TOTAL G)/(SUM OF CCI FOR MATCHING VARIETIES)\*100



VARIETY	OEO	JM	JEB	PL	RAF	WPT	RGY	EW	CJR	RK	CVM	WDP
1793	1	3										
	2	5										
	3	2	5									
	4		8			30		12				
1794	1A	8										
	1B											
	2A	8										
	2B											
	3B											
	4A	6				35	15	8				
	4B											
	5A											
	5B											
	6A											
	6B											
	7											
	8		40									
	9	5										
1795	1	4						4				
	2A	6		30								
	2B											
	3											
	4	4			5		15					
	5A	3		20			8					
	5B	10										
	6A	10	3									
	6B											
1796	1											
	2											
1797	1	5	6		25	8		20	6	8		
	2	8	5						8			
	3A	12										
	3B	3										
	3C											
1800	1	35	20		8	40	40	10	20	20	25	
1802	1											
	2	10	4	10				10	3	8	15	
1803	1	35	12	25	7					10		35
	2	15								10		
	3	40	20		4		30	15	8			
	4			20	20					25		
1804	1	20			12							
	2											
	4	8										
	5	20	40		10					35		
	6	35		50							45	
	7	15					40			25		
	8	35	20		30	15	40	25		12		45
	9	30	15		25	20	35			25		
	10	35	30		40				4			
	11	15		10						12	35	
	12	30	20		50	20	12					60
	13	45	10	20	45	15	40		15	8	25	

VARIETY	OEO	JM	JEB	PL	RAF	WPT	RGY	EW	CJR	RK	CVM	WDP
1805	1	30	30	10		15	45	40	30	20	12	55
	2											
	3	4										
	4	35	35	15	40				15	20	30	40
1806	1	45	20	60	50	20	35		30	3	15	60
	2		20									
	3											
	4	35	40			15	25	60	30	8		
1807	1	25	20	7	30	15	20	35	10	20	30	40
1808	1											
	2	10	20			25		15	8	12		
	3	30	25	7		20	50	20	10	20	25	30
1809	1											
	2										8	
	3	45	40	55			30		5		30	55
	4		30				25					50
	5		35			20	55	45	40	30	15	45
	6	45	40		40				40			50
1810	1	45	20	20	45	15	15	45	40	3	15	60
1811	1	5	12			10						
	2	15	10	12		7	20	25	10	3	12	
1825	1				40		45		30	4	55	
	2	35		55	45	20	15	45		20	12	45
1826	1	45		45	20	20	45	30	4	25		50
	2			55							40	
1828	1						25			40	15	50
	2	40		30	40		40	45	40		25	40
	3	45		55	45		40	55	50	20		60
1829	1			55	45	40	40	40	10	8	25	50
1831	1					12		40	30		30	55
1832	1						40	20	25		12	50
	2											
	3			50								
1833	1			65	55	20	45	50	40	50	40	50
1834	1	50		65	50	20	20	55	40	20	30	55
1835	1		35				45	35	40		8	55
	2			65	50	40		55	60	12	35	
1849	1	20		30	55	45	30	55	40	40	20	50
1850	1			30	40	40	50	50	30	40	25	50
1851	1			40	50	40	20	50	15	20	25	50
1853	1	35		55	45	45	15	50	30	50	45	50
1854	1		20	65	45	45	50	55	10	40	20	55
1855	1	45		60	50	45	20	50	30	40	40	55
1856	1			20	60	20	15	50	30	20	40	55
1857	1			50	45	40	25	55	40	40	30	55

TOTAL V	38	44	35	33	40	35	31	36	39	37	20	26
TOTAL G	1097	752	1241	1328	888	1107	1293	917	734	840	1270	1349
% V	38	44	35	33	40	35	31	36	39	37	20	26
% G	20	14	23	24	16	20	24	17	13	15	23	25
SCORE	29	29	20	29	28	28	28	28	26	26	26	26
% COND	47	28	58	62	34	48	55	40	29	36	59	80

TOTAL V=TOTAL VARIETIES TOTAL G=SUM OF GRADES  
 % V=(TOTAL VARIETIES/96)\*100 % G=(TOTAL G)/(TOTAL G FOR CCI)\*100  
 SCORE=(RV\*%G)/2 %C=(TOTAL\_G)/(SUM OF CCI FOR MATCHING VARIETIES)\*100

HALF CENT COLLECTIONS

PAGE 16

VARIETY	RFF	EBR	OWH	PSR	GA	DW	JL	LH	TE	NVP	PJ	RK1
1793	1											
2												
3		4										
4												
1794	1A			3								
1B												
2A				6								
2B												
3A												
3B												
4A			20			12						
4B												
5A												
5B				12								
6A												
6B												
7												
8				2								
9		12		2								
1795	1			1		5						
2A				3								
2B												
3												
4				3								
5A												
5B				10								
6A		12		5								
6B				2								
1796	1											
2												
1797	1	12		3								
2												
3A												
3B												
3C												
1800	1	30	15	30	1		20	30	45		20	8
1802	1											
2	12	8							12			4
1803	1	12	8	10	5		6	4	45		12	8
2												
3			12	8	40				10			
4				8								
1804	1											
2												
4				8								
5									40			
6				8				25				
7				8				10				
8		40	20	8								
9				8								
10			20	5						55		
11								35				
12				3			10					12
13	30	40	45			15			50		15	10

HALF CENT COLLECTIONS

PAGE 16

VARIETY	RFF	EBR	OWH	PSR	GA	DW	JL	LH	TE	NVP	PJ	RK1
1805	1	30	20				4				40	10
2												
3							3					
4		12	20	3	40					30		8
1806	1	40	40	20	3	4		8	45	58	25	10
2												
3												
4			40				20	4		55		
1807	1	30	15		8	40	30	10		40	8	6
1808	1						8					
2				8								12
3	12	12	20				12	12	40		8	6
1809	1											
2				5			4					
3		45	45	8	4				50			20
4				45			8			8	10	
5	40	10	50	3			20	45	50		55	20
6				10	45		50	35	50	40		15
1810	1	40	12				20	8	40		6	8
1811	1			8			15				8	6
2	30	10	8									8
1825	1		20	5	40		15			55		
2	30	25	20	1		30		55	50		8	25
1826	1	40	30	5	4	45	8			55	20	40
2	30							50				
1828	1		30		50			40	55	55		45
2	30	25	20		40	45	8	40		58		20
3	30	50		5	50	20	12					45
1829	1	40	40		40	15	25	40		50	12	35
1831	1											
1832	1	40	45	20	5	40					20	
2				1	45	30						
3		50	8	45	15	35	55				40	25
1833	1	40	50	45	40	30	15	30	50	35	30	40
1834	1	40	55	40	1	35	50	40	55	55	45	20
1835	1			8	45	35	15				45	45
2	40	45		8	53			63	50	20		
1849	1	40	25	50		58	55	50	50		40	35
1850	1	40	25			58	55	40		50	30	50
1851	1	40	55	50		55	55	15	50	55	40	35
1853	1	40	50	55		52	40	25	50	55	45	35
1854	1	40	50	58	5	55	45	50		50	20	15
1855	1	40	53	55		53	50	35	50	55	30	45
1856	1	50	45	50		50	53	40	50		20	45
1857	1	45	50	50	8	53	55	40	55	55	20	45

TOTAL V	32	31	31	44	27	30	35	24	22	26	28	25
TOTAL G	1001	1055	1045	271	1104	973	586	1113	1113	730	802	755
% V	32	31	31	44	27	30	35	24	22	26	28	25
% G	18	19	19	5	22	18	13	21	20	13	11	14
SCORE	26	25	25	25	25	24	24	22	21	20	20	20
% COND	49	53	52	10	58	51	32	72	79	44	33	47

TOTAL V=TOTAL VARIETIES TOTAL G=SUM OF GRADES  
 $\% V = (TOTAL \ VARIETIES / 100) \times 100$   $\% G = (TOTAL \ G) / (TOTAL \ G \ FOR \ CCI) \times 100$   
 $SCORE = (V + \% G) / 2$   $\% C = (TOTAL \ G) / (SUM \ OF \ CCI \ FOR \ MATCHING \ VARIETIES) \times 100$

## HALF CENT COLLECTIONS

PAGE 17

VARIETY	KS	TM	HB	EAR	DF	RO	SBC	JS	KMM	JCR	JLN	DH
1793	1	20										
	2	12										
	3	10		4								
	4	8										
1794	1A	40										
	1B	20										
	2A	8										
	2B	4										
	3A	8										
	3B											
	4A	12								8		
	4B											
	5A	20										
	5B											
	6A	4										
	6B											
	7	12										
	8	12										
	9	40	8									
1795	1	8						55				
	2A	8	6					30				
	2B	8						10				
	3	12						20				
	4	12						50				
	5A	12						35				
	5B	20						30				
	6A	12		6	4			40	10	4	5	
	6B	8						12				
1796	1	4										
	2	6										
1797	1	8	8					35	10			
	2	12						50				
	3A	12						30				
	3B	8						30				
	3C	8										
1800	1			15	20			15	7	20	20	15
1802	1											
	2				6							8
1803	1		6	8	15	20		12		15		8
	2				7							7
	3		8	6				6				10
	4				12			35	6			20
1804	1		4	6	20			12	15		20	7
	2											
	5				15			8				
	6				20			20	15			8
	7				25			15	8	30		12
	8				12			30			20	12
	9		8	15	30			30	20			12
	10		4	8	25			30			15	15
	11		4	15	50			8				20
	12		12	7				15	7	20		12
	13				40			30	12			12
	14		10	15	55	30		55	20			20

## HALF CENT COLLECTIONS

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VARIETY	KS	TM	HB	EAR	DF	RO	SBC	JS	KMM	JCR	JLN	DH
1805	1		10	4	4	30		55	10	35	12	12
	2											
	3				3	4						3
	4		6	4	25	25		35				15
1806	1		4	15	30			40		20		20
	2				12				3			3
	3											
	4		12	4	10	55		50	4			8
1807	1		8	8	3	25		35	12	15		25
1808	1											
	2				12	7			3			5
	3		12	8	20							15
1809	1											
	2		3		15				7			
	3			3					6			
	4			20	3				8			
	5		4				45		15	45	40	
	6		25				55		20	4		
1810	1		8	4					15			
1811	1											
	2				3				5	5		
1825	1								8	5		
	2		45				40			35		
1826	1				25		50			30		
	2								12			
1828	1			20	35				35		8	
	2		50		20							
	3		45	12	30		40	63				
1829	1		30	20			45		20	15	55	
1831	1											
1832	1		20				40					
	2		8	40	15					30		
	3				12							45
1833	1		20				40			45	55	
1834	1		25	40	15		40	50		30	20	
1835	1		40	8	40		45			25	55	
	2		45	50			40		30		20	
1849	1						40		30	30		
1850	1						40					63
1851	1		35				49		50	20		55
1853	1		30	20			45					63
1854	1		30				40					63
1855	1		30	35			40					64
1856	1		50				45	50		30	63	
1857	1		25				40					

TOTAL V	31	27	20	20	25	20	20	24	26	22	17	24
TOTAL G	388	600	438	402	572	840	750	520	340	474	720	292
% V	31	27	20	20	25	20	20	24	26	22	17	24
% G	7	11	8	7	11	15	14	10	6	9	13	5
SCORE	19	19	19	18	18	18	17	17	16	15	15	15
% COND	24	34	23	22	39	64	64	35	21	33	66	20

TOTAL V=TOTAL VARIETIES TOTAL G=SUM OF GRADES  
 % V=(TOTAL VARIETIES/92)\*100 % G=(TOTAL G)/(TOTAL G FOR CCI)\*100  
 SCORE=(%V+%G)/2 %C=(TOTAL G)/(SUM OF CCI FOR MATCHING VARIETIES)\*100

HALF CENT COLLECTIONS

PAGE 19

VARIETY	HC	PC	JL1	GMR	HS	JS1	TG	RW2	SW1	RLT	TSK	AC4
1793	1											
2												
3												
4												
1794	1A											
1B												
2A		8										8
2B												
3A												
3B												
4A					8							
4B												
5A												
6B												
6A												
6B												
7										20		
8												
9												
1795	1											
2A												
2B												
3												
4		6										
5A												
5B												
6A												
6B												
1796	1											
2												
1797	1	8				3		8		36		3
2												
3A												
3B												
3C												
1800	1											
1802	1											
2						5		5			20	
1803	1	10		10	45			45				
2												
3			8	30	40			8			50	
4												
1804	1											
2												
4												
5												
6												
7												
8		15										
9												
10												
11												
12												
13		7										

HALF CENT COLLECTIONS

PAGE 20

VARIETY	HC	PC	JL1	GMR	HS	JS1	TG	RW2	SW1	RLT	TSK	AC4
1805	1											
2												
3												
4		12										
1806	1											
2												
3												
4		20	20									
1807	1											
1808	1											
2												
3												
4												
5												
6		10		35		40						
1810	1											
1811	1											
2												
1826	1											
2												
1826	1											
2												
1828	1											
2												
1828	1											
2												
3												
1829	1											
1831	1											
1832	1											
2												
3												
1833	1											
1834	1											
1835	1											
2												
1849	1											
1850	1											
1851	1											
1853	1											
1854	1											
1855	1											
1856	1											
1857	1											

TOTAL V	10	17	15	15	14	15	15	14	15	11	11	14
TOTAL G	444	447	655	530	584	439	450	448	376	430	407	238
% V	10	17	15	15	14	15	15	14	15	11	11	14
% G	8	8	10	10	11	8	8	8	7	8	7	4
SCORE	14	13	13	12	12	12	12	11	11	10	9	9
% COND	37	40	57	58	67	44	45	50	38	64	57	27

TOTAL V-TOTAL VARIETIES TOTAL G-SUM OF GRADES

% V=(TOTAL VARIETIES/99)\*100

% G=(TOTAL G)/(TOTAL G FOR CCI)\*100

SCORE=(%V\*%G)/2 %G=(TOTAL G)/(SUM OF CCI FOR MATCHING VARIETIES)\*100

VARIETY	NS	SHQ	JDY	VRB	DH1	SM	DB	SLS	RLY	JDW	EFS	AC1
1793	1											
	2											
	3											
	4											
1794	1A			12								
	1B											
	2A			45		20						
	2B							4				
	3A			10								
	3B											
	4A			40								
	4B											
	5A			6								
	5B			7								
	6A											
	6B			6								
	7			12								
	8			45		30						
1795	1											
	2A											
	2B								20			
	3											
	4											10
	5A											
	5B											
	6A											
	6B											
1796	1											
	2											
1797	1											
	2											
	3A											
	3B											
	30											
1800	1	2									12	
1802	1											
	2											
1803	1					8						
	2	6	10									
	3	2	12	20								
	4			7								
1804	1											
	2											
	4											
	5	6										
	6											
	7											
	8									30		
	9											
	10		50					12				
	11											
	12	15										
	13	2	30	7								

VARIETY	NS	SHQ	JDY	VRB	DH1	SM	DB	SLS	RLY	JDW	EFS	AC1
1805	1											
	2											
	3											
	4		12									
1806	1	4	7		10						12	45
	2											
	3											
	4		15									
1807	1	5							10			
1808	1											
	2											
	3											
1809	1											
	2		7							35		
	3											
	4	3										
	5											
	6			60					8	20	6	
1810	1	3										
1811	1					6						
	2						40				6	
1825	1		30									
	2											
1826	1		25							25	50	8
	2		40									
1828	1								40		20	
	2											
	3	8				35		4				
1829	1					20						
1831	1											
1832	1											
	2											
	3											
1833	1	2									60	
1834	1	4					45					
1835	1	4	45			40			45			
	2	20	35		50			20				
1849	1			40								
1850	1			50								
1851	1			55			40	64				
1853	1			60					20			
1854	1	2		55				60				55
1855	1		40	55			40	68		45		
1856	1			58					50			
1857	1	40		55								

TOTAL V	16	12	8	8	9	8	6	8	6	5	6	4
TOTAL G	113	253	413	282	183	233	282	126	185	195	64	150
% V	16	12	8	8	9	8	6	8	6	5	6	4
% G	2	5	8	5	3	4	5	2	3	4	1	3
SCORE	9	8	8	7	6	6	6	5	5	4	4	3
% COND	11	34	77	55	39	44	74	25	47	61	16	58

TOTAL V=TOTAL VARIETIES      TOTAL G=SUM OF GRADES  
 $\% V = (\text{TOTAL VARIETIES}/99) \times 100$        $\% G = (\text{TOTAL G})/(\text{TOTAL G FOR CC1}) \times 100$   
 $\text{SCORE} = (\% V \times \% G)/2$        $\% C = (\text{TOTAL G})/(\text{SUM OF CC1 FOR WATCHING VARIETIES}) \times 100$



VARIETY	CRV	PE	JA	BOB	AC3
1793	1				
	2				
	3				
	4				
1794	1A				
	1B				
	2A				
	2B				
	3A				
	3B				
	4A	15			
	4B				
	5A				
	5B				
	6A				
	6B				
	7				
	8				
	9				
1795	1				
	2A				
	2B				
	3				
	4				
	5A				
	5B				
	6A				
	6B				
1796	1			3	
	2				
1797	1			40	
	2				
	3A				
	3B				
	3C				
1800	1	12			
1802	1				
	2				
1803	1				
	2				
	3				
	4				
1804	1				
	2				
	4				
	5				
	6				
	7				
	8				
	9	20			
	10		58		
	11	12			
	12				
	13				

VARIETY	CRV	PE	JA	BOB	AC3
1805	1				
	2				
	3				
	4				
1806	1				
	2				
	3				
	4				
1807	1				
1808	1				
	2				
	3				
1809	1				
	2				
	3				
	4				
	5				
	6				
1810	1				
1811	1				
	2				
1825	1				
	2				
1826	1				
	2				
1828	1				
	2	63			
	3				
1829	1				
1831	1				
1832	1				
	2				
	3				
1833	1				
1834	1				
1835	1				
	2				
1849	1				
1850	1				
1851	1				
1853	1				
1854	1				
1855	1				
1856	1				
1857	1				
TOTAL V	4	1	1	1	1
TOTAL G	69	63	58	40	3
% V	4	1	1	1	1
% G	1	1	1	1	1
SCORE	3	1	1	1	1
% COND	23	97	89	63	5

TOTAL V=TOTAL VARIETIES  
 % V=(TOTAL VARIETIES/60)\*100  
 SCORE=(SV\*XC)/2  
 TOTAL G=SUM OF GRADES  
 % G=(TOTAL G)/(TOTAL G FOR OC1)\*100  
 % COND=(SUM OF OC1 FOR MATCHING VARIETIES)/100

## COHEN NUMBERS

1832

## COHEN NUMBERS

[illegible][illegible]

# HALF CENT SURVEY

1833 1834 1835 1849 1850 1851 1853 1854 1855 1856 1857

C1	P	P	65	60	P	P	63	P	P	P	P
C2			P								

## DIE STATES

RIM CUD	STAR BREAK
1804 C2 6; 3	1807 C1 EARLY 20; 7
1804 C9 63 20; 15	1811 C1 2' BRK 4
1808 C2 10; 8	1811 C1 4' BRK 40; 20
	1826 2' BRK

NAME TO APPEAR IN SURVEY SUMMARY MISSOURI CABINET

LIST ME IN THE DIRECTORY \_\_\_\_ (YES/NO) PLEASE DO NOT LIST MISSOURI CABINET  
YOU MAY LIST R. TETTENHORST

NAME AND ADDRESS FOR MAILING PURPOSES

NAME R. TETTENHORST

ADDRESS PO Box 14020  
STREET

ST. LOUIS MO 63178  
CITY STATE ZIP

PHONE NUMBER (optional) (\_\_\_\_\_)\_\_\_\_\_  
AREA CODE NUMBER

MAIL COMPLETED COPY TO:

EDWARD MASUOKA

# MO CAB - ADDITIONAL SPECIMENS

<u>YR</u>	<u>COHEN VAR</u>	<u>SPECIMENS GRADE</u>
1794	3	6
	6	12
	7	20
	8	12
1795	2b	4
	5a	40, 7*
	5b	40, 30, 15, 12
	6b	10, 6, 2
1797	2	50, 20*, 8, 7, 7, 7*, 7*, 7
	3a	30, 20, 5, 3, 3, 3, 1
	3b	15, 7, 7, 6
	3c	7
1802	1	10, 3
1803	2	15, 12, 10
1804	2	6, 3
	4	15, 7
	5	12, 10
	11	40, 30, 20, 20
1805	3	8, 5
1806	2	30, 15, 10
	3	8, 4
1811	1	40, 20, 12, 5, 4, 4

\* means double-struck

Ed Masuoka  


February 15, 1988

Dear Advanced Collector;

I am writing this letter to tell you about a survey of half cent collections which Carl Ostiguy and I began in May 1987. A listing of all coins reported in the survey is updated twice yearly and mailed to participants free of charge. Half cents from seventy-six collections are listed in the second issue of the survey summary which also includes the results of whist matches between every collection reported and summary statistics such as average grade and best five coins reported for each variety.

If you are interested in taking part in the survey, please fill out the enclosed form and return it to me at the address above. You may maintain a degree of anonymity by using a pseudonym in the listing such as anonymous collector or New Jersey collector and may elect not to be listed in the directory of half cent collectors.

Best of luck in your pursuit of early American copper.

Sincerely,



Edward Masuoka



Half Cent Survey and Directory of Half Cent Collectors  
Ed Masuoka and Carl Ostiguy

Perhaps, it is only fitting, given the indifferent attitude of Mint officials toward half cents, that a survey of half cent collections is being proposed long after corresponding surveys of large cent holdings are well underway. We waited for about six months to see if a similar survey would be proposed by other more experienced half cent collectors. However, upon reflection we realized that the only real qualifications for running a survey of half cent collections was the desire to stick with the project, the willingness to spend money on postage and a commitment to type the survey data into a computer and create a few simple programs to summarize the data.

If you are like us, by now I am sure you are ready to fill out the form and send it in. However, if you still need some convincing here are a few good reasons to participate in the survey:

1. To see how your collection ranks when compared with others.
2. To follow the progress of others as they build their variety sets.
3. To contribute to a better understanding of the relative rarity of high grade half cents by variety.
4. To develop a network of friends or at least friendly competitors who might help one obtain a tough variety in the future.

We are leaving the more ambitious undertaking of a condition census to the experts but we do ask that in filling out the survey form you grade your coins honestly and conservatively to facilitate comparisons with other collections. There is no lower limit on the number of half cents one has to have in order to be included in the survey, because we do not wish to exclude collectors who like ourselves are just starting their variety sets. Cohen numbers were chosen for the survey but if you have your varieties listed by Gilbert or Breen numbers send those to us and we will convert them to Cohen numbers while typing them into the data base.

Everyone who sends in a completed survey form will receive a booklet which lists for each collection the grade of the best coin in each variety reported. There will also be two rankings generated from the survey. The first will be "The Score" developed by John Fettingier which is the average of two statistics, collection completeness and the collection condition. The second will be a table listing the results of whist matches between your own collection and every other collection reported using the rules laid down by Sheldon in Penny Whimsy. Hopefully, this may engender some real whist matches between those collectors who have contributed to the survey thereby providing more opportunities to view choice half cents.

Directions for filling out the survey form are as follows:

1. The Cohen numbers along the top of the chart should be used unless a Cohen number appears in the chart which will be the case when sub-varieties exist.
2. In each box write the highest grade of the coins you own for that variety using Sheldon's scale of 1-70. If you own more than one coin of a variety that is an R-4 or rarer, please attach a separate listing for all grades of that coin.
3. In the chart labelled die states please list the grades of all half cents you own in each category.

Finally, if you already have a listing of your varieties and do not wish to fill out the form, just send us a copy of your list. Carl Ostiguy is particularly interested in receiving lists which include not only varieties but die states as well. If all goes well, we will mail out a half cent survey summary by mid-September and plan to update the listing on a yearly basis.

We would also like to compile a directory of half cent collectors listing the names, addresses and phone numbers of those members who would like to share information about half cents with fellow collectors and perhaps get together between regularly scheduled EAC chapter meetings. You do not have to be in the directory to participate in the survey.

## COHEN NUMBERS

1832

# HALF CENT SURVEY

	1833	1834	1835	1849	1850	1851	1853	1854	1855	1856	1857
C1											
C2											

## DIE STATES

RIM CUD

STAR  
BREAK

1804 C2	1807 C1 EARLY	1811 C1 2" BRK
1804 C9		1811 C1 4" BRK
1808 C2		1826 2" BRK

NAME TO APPEAR IN SURVEY SUMMARY \_\_\_\_\_

LIST ME IN THE DIRECTORY \_\_\_\_ (YES/NO)

NAME AND ADDRESS FOR MAILING PURPOSES

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

STREET

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE NUMBER (optional) (\_\_\_\_) \_\_\_\_\_  
AREA CODE NUMBER

MAIL COMPLETED COPY TO:

EDWARD MASUOKA  
15902 SHERWOOD AVENUE  
LAUREL, MD 20707